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This catalog has been written and designed to answer most of the questions which might be asked about Augsburg College and its curriculum. Although all copy was correct at the time of publication, information in the catalog is subject to change without notice.

Introduction

There are very few colleges that combine the excitement and vitality of a metropolitan center with the smallness and intimacy of the rural setting. Augsburg is one of these few, very special colleges that can offer you both.

The small college atmosphere enables you to be a participant or a spectator at a variety of events and activities. Exhibitions, concerts, films, and lectures are regularly available to you on campus. Through the intercollegiate or intramural athletic programs you may choose participation in athletics.

Religious activities are a vital part of the campus. The Commission on Religious Activities assists in planning daily chapel services which students attend voluntarily.

You, the student, are an individual at Augsburg. You design your own learning experience. While distributional and major requirements act as guidelines, there is latitude for you to design much of your own education.

At Augsburg, the innovative and experimental as well as the individual are central. The college follows the calendar known as the "4-1-4."

In the study of the liberal arts, you will encounter ideas and experiences from the whole range of human knowledge. The liberal arts education, however, is more than an accumulation of knowledge from a number of fields. Augsburg recognizes that concentration is necessary in your chosen field. You may choose from 33 majors for hundreds of career possibilities.

Augsburg is in the center of the Twin Cities of Minneapolis and St. Paul. In this metropolitan setting, a rich kaleidoscope of resources and activities are available to enrich your education. You may choose an evening at the Tyrone Guthrie Theater, the Brave New Workshop, or at some of the many galleries or coffee houses. You may choose a concert by the Minnesota Orchestra at nearby Northrop Auditorium or one of the many professional touring groups that appear in the Twin Cities. There are numerous opportunities for individual and team sports. Professional sports are also available - the Twins, the Vikings, and the North Stars.

Thus, Augsburg is a distinctive combination: a strong academic program, a capable and dedicated staff, an eager student body, and a remarkable location.

The College

Identification

Augsburg is a four-year liberal arts college affiliated with the American Lutheran Church (ALC). Founded more than 100 years ago, Augsburg celebrated its centennial in 1969 and is in its second century of Christian higher education.

The current student body of 1500 is largely of Lutheran background though many denominations are represented on campus. About 60% are resident students, while others commute daily from the greater metropolitan area.

Location

Your education will benefit from Augsburg's location in the Twin Cities. Excellent art collections are available to you in the Minneapolis Institute of Arts, the Walker Art Center, and many other galleries.

The Minnesota Orchestra and other area performing organizations afford rich opportunities for the enjoyment of music of many types. The Twin Cities also appear regularly on the itineraries of major performing artists.

A variety of dramatic and musical presentations are provided by several theaters in the area such as the nationally known Tyrone Guthrie Theater, Theater-in-the-Round, the Old Log Theater, and the St. Paul Civic Opera Company.

Recreational activities abound. You can play tennis at parks near the campus or swim in one of the many area lakes. In the winter you may join other students on skiing trips. Professional sports are available the year around.

Reaching the Twin Cities is easy. Several major airlines provide daily service to Minneapolis - St. Paul International Airport. Bus connections can be made from all areas of the United States.

The Augsburg campus is just five minutes east of downtown Minneapolis via Interstate 94 which forms the southern border of the campus. (Directions are given opposite page 7)

History

Augsburg was the first seminary founded by Norwegian Lutherans in America. Minneapolis replaced Marshall, Wisconsin, as Augsburg's home in 1872. The first college students were enrolled in 1874 and the first college graduation was held in 1879.

Nature and Objectives

Augsburg is a four-year liberal arts college of the American Lutheran Church. It is committed to an open, honest, competent inquiry into the sciences, arts, and humanities in the context of the Christian faith.

Augsburg emphasizes the following primary objectives:

to expose students to a wide variety of ideas and disciplines, while assisting them to become proficient in one area or major.

to help students understand the Christian faith in relation to the contemporary world.

to develop students' love of learning and their faculties of reason, criticism, curiosity and imagination by encouraging and maintaining academic excellence.

to increase students' understanding of the urban environment and culture, and to enable them to gain the skills needed to respond creatively to the problems and potentialities of the modern city.

to encourage students to ascertain their interests and abilities, and to aid them in discovering the occupational opportunities which exist for them.

to assist students in their intellectual, emotional, and spiritual growth; to encourage them to develop attitudes and qualities of character compatible with the Christian faith.

The school was officially named Augsburg College in 1963 when its former sponsor, the Lutheran Free Church, merged with the American Lutheran Church. Augsburg Seminary joined with Luther Theological Seminary, St. Paul Minnesota, that same year.

Accreditation

Augsburg has achieved full accreditation in a number of associations that set standards by which excellence is judged. Among the associations that recognize Augsburg are:

North Central Association of Colleges and Secondary Schools.
The National Council for the Accreditation of Teacher Education (Secondary and Elementary)
The American Chemical Society

The Campus

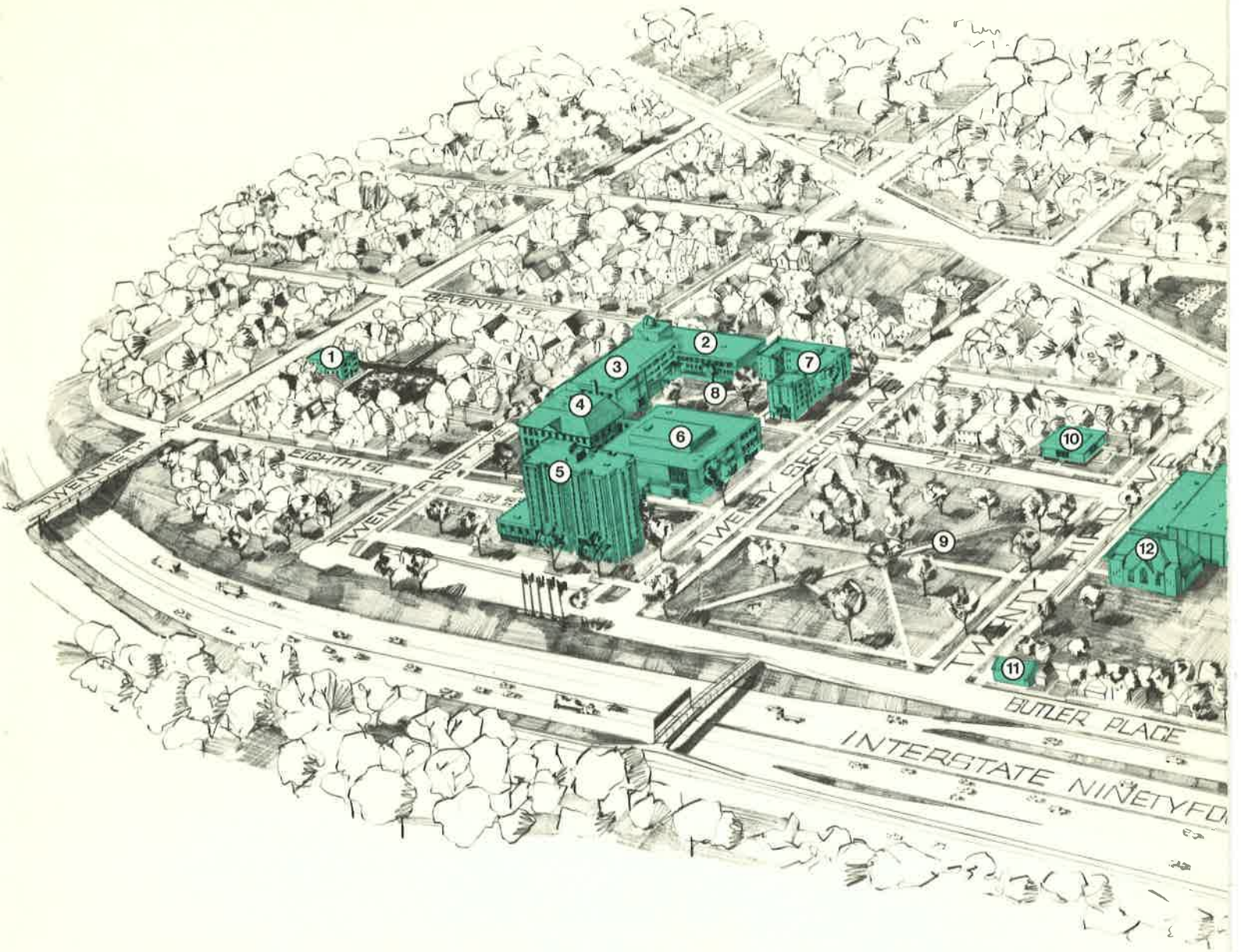
Augsburg's compact campus is located in the heart of Minneapolis surrounding Murphy Square, the first of the 155 parks in the "City of Lakes." The college currently has 13 major buildings with a number of cottage housing units that are very popular with the students. The University of Minnesota and two of the city's largest hospitals, Fairview and St. Mary's, are adjacent to the campus.

Visiting the Campus

The purpose of the campus visit is to permit students to learn, firsthand, about the college program, facilities, and admissions requirements. A personal interview affords candidates, parents, and the admissions counselor the opportunity to exchange information vital in the process of selecting a college and in making admissions decisions. A student-conducted campus tour and an interview with an admissions officer are strongly recommended but are not mandatory.

Students who wish to arrange for a tour and an interview are asked to write for an appointment or call the office (332-5181). Preferred times for campus visits are 9 a.m. - 4 p.m. weekdays. Arrangements may also be made to meet with a member of the faculty and to attend classes, Monday through Friday, when school is in session.

School, church, and other groups are welcome to visit the college. Arrangements may be made by writing the Office of Admissions, Augsburg College, Minneapolis, Minnesota 55404.



CAMPUS GUIDE

1. West Hall
2. George Sverdrup Library
3. Science Hall
4. Old Main
5. Urness Tower Residence for Women
6. The College Center
7. Sverdrup-Oftedal Memorial Hall
8. The Quadrangle
9. Murphy Square
10. The Art Studio
11. Organ Studio
12. The Music Building
13. Si Melby Hall
14. Mortensen-Sivertsen Hall
15. Speech and Drama Building
16. East Hall (music Annex)

Academic Life

Augsburg is a modern, exciting liberal arts college designed to serve your individual needs. At Augsburg you develop your individual talents; there is no single mold. Here you will discover the world while preparing for a career. You will find out who you are. Augsburg's goal as a liberal arts college is to educate its students broadly and prepare them for competency in the modern world.

The 4-1-4 Calendar

Augsburg follows the 4-1-4 calendar. Two 15-week semesters are separated by a 4-week interim in January. During each semester the student enrolls in four courses; during the interim there is concentration on one subject.

The interim period is an especially exciting time. The whole world becomes an arena of learning. Creative energies and individual interests determine the course of study. Innovation and experimentation are encouraged in this break in the general academic schedule. Interest in music may take form in the study and presentation of a concert program. Interest in people may find form in the study and participation in activities of a social agency. Newspapers and advertising agencies provide opportunities for those interested in communications. No matter what your interest, the interim will afford the opportunity to experience and experiment while learning.

Faculty

Augsburg's faculty of nearly 100 is highly trained and takes individual interest in the students. Classes average 25 or less in size. The student faculty ratio is 15.7 to one.

In more human terms, Augsburg faculty members are available for help on individual problems. They know students by their first name and often join students in discussing the political climate, reactions to the latest visiting speaker, or talking over the latest Viking victory while having coffee.

General Education Requirements

Minimum education requirements for graduation have been determined, not to structure the learning process, but as a guide through the liberal arts. These courses can easily be incorporated into the planned course of study (many of them would be chosen even if they weren't required).

In general, these courses, with choices in each area, consist of subjects in literature, philosophy, art and music, speech and

drama and religion. Others are chosen from biology, chemistry, mathematics, physics, and psychology. A few courses from economics, history, political science, sociology, and foreign languages or literature are suggested, and proficiency in English must be demonstrated. One course from an approved list of courses containing an emphasis on metropolitan concerns is required as well as physical education activities.

Majors

Augsburg offers majors in 18 departments.

American Studies	Medical Technology
Art	Metro-Urban Studies
Biology	Music
Business Administration	Natural Science
Business Education	Philosophy
Chemistry	Physics
Communications	Political Science
Economics	Psychology
Economics/Business	Physical Education
Administration	Religion
Elementary Education	Scandinavian Area
English	Studies
French	Social Science
German	Social Welfare
Health and Physical	Sociology
Education	Spanish
History	Speech
Mathematics	Theater Arts

Pre - Professional Training

Students who plan to enter the fields of law, medicine, dentistry, pharmacy, the ministry, and engineering, can profit from a liberal arts education at Augsburg. It is suggested that requirements for admission to graduate schools or seminaries be reviewed and then the course of study at Augsburg be planned accordingly. Augsburg offers a wide scope of courses in the natural and social sciences, in the humanities, and in religion and philosophy which will provide the necessary preparation for future professional study.

Inter - Institutional Programs

Augsburg cooperates with other colleges and institutes in the Twin Cities area on several programs.

ST. PAUL EXCHANGE. Students at Augsburg and the St. Paul colleges of Hamline, Macalester, St. Catherine and St. Thomas may elect one course each semester at another campus without additional fee. Students may elect to do this to gain new perspectives, to get better acquainted with the other schools, or because a specific course is not offered on the home campus. Because these five colleges have coordinated 4-1-4 calendars, the interim term may also be taken on another campus.

THE HIGHER EDUCATION CONSORTIUM. This group is composed of 12 colleges and universities in Minnesota, Iowa, and South Dakota. Planned activities include innovative curricular programs for students, interchange and sharing of academic personnel and other college resources, cooperative research projects, joint sponsorship of a metro-urban affairs conference, and development of programs consistent with the needs and resources of the community organizations of the Upper Midwest.

CHEMICAL DEPENDENCY PROGRAM. A cooperative effort between Augsburg College and Metropolitan State Junior College in downtown Minneapolis has resulted in the establishment of a four-year program in sociology or psychology with a chemical dependency speciality. The program is designed to train specialists to help professional people in dealing with chemical dependency problems. Courses are taken both on the Augsburg and the Metropolitan campuses.

CO-LEARNING CLASSES. Co-learning classes bring together Augsburg students, prison inmates, mental hospital patients, guards, and students at rehabilitation centers. All take courses for credit from Augsburg. Classes are held at such places as the St. Cloud Reformatory, Shakopee Institution for Women, Stillwater State Prison, St. Peter Security Hospital, and Trevilla of Robbinsdale, a halfway house rehabilitation center. The courses offered are from several college departments, and the response of students involved in the courses, both from Augsburg and the institutions, has been extremely favorable.

The purpose of the course is to get a first-hand view of the prisons and hospitals and personalize the study by actually interacting with inmates and their problems.

Each year the Conservation of Human Resources office at Augsburg holds tuition-raising benefits to help pay for inmates' matriculation in these co-learning courses.

SUMMER SCHOOL. Augsburg's summer school calendar is coordinated with that of Concordia College in St. Paul. Students who enroll may select courses on either campus. Two sessions (six and four weeks) are offered to permit students to complete courses toward their degrees.

COOPERATIVE PROGRAM WITH CONTROL DATA INSTITUTE (CDI).

Augsburg and CDI have an arrangement whereby students may transfer the equivalent of three courses in computer programming taken at Control Data Institute to Augsburg College.

AFFILIATION WITH SCHOOLS OF NURSING. Student nurses in the Schools of Nursing at the Lutheran Deaconess and Fairview hospitals in Minneapolis receive some of their instruction at Augsburg. Application for admission to the Schools of Nursing should be made to the hospitals directly.

MEDICAL TECHNOLOGY. In cooperation with the Hennepin County General, Metropolitan Medical Center, and Northwestern hospitals, Augsburg offers work which enables the student to receive a college degree with a major in Medical Technology. The first three years of this work are taken at Augsburg and a final twelve-month program is completed at one of the three hospitals.

CORRECTIVE THERAPY. A program in Corrective Therapy worked out in cooperation with the Veterans Administration Hospital, Fairview Hospital, and Cambridge State Hospital, is available to students who complete a major in physical education with specialization in Corrective Therapy.

Admission to the curriculum requires an application to be approved by the Director of Physical Education. Application should be made during the spring semester of the sophomore year. Candidates are required to have a 2.5 grade-point average in work completed in the major and a 2.0 grade-point average over-all. All candidates should, as soon as possible, consult with the Director of Physical Education regarding proper sequence of courses.

International Study

There are several types of international experiences available to Augsburg students.

STUDENT PROJECT FOR AMITY AMONG NATIONS (SPAN). Augsburg participates in the SPAN program. This is a joint venture of the University of Minnesota and several colleges in the state. Each year three or four countries are selected, and qualified students are granted partial scholarships to enable them to spend a summer in informal study in one of the countries chosen. Applications to the program are made in the spring of the sophomore year. The SPAN program consists of three stages: language study and group meetings during the school year before departure, independent study on a topic of one's choice during the following summer and the writing of a paper upon return.

SEMESTER OR YEAR ABROAD. Arrangements have been made under which Augsburg students may spend their sophomore or junior year in study at a number of European educational institutions. These institutions are: The University of Oslo, Norway; Schiller College and The Goethe Institute in Germany; and the Institute for American Universities at Aix-en-Provence in France. In addition to these programs, there are literally hundreds of opportunities for study all over the world, and interested Augsburg students may arrange to take part in approved programs by making application through the Foreign Study Adviser. This type of study must be approved before departure by one's faculty adviser first, and then by the Committee on Admissions and Student Standing. Credit earned through foreign study may be applied to the student's graduation requirements as electives, as elements of the major sequence, or to satisfy some of the general education requirements.

SUMMER SCHOOL. Again, there are hundreds of possibilities for those who wish to spend a summer studying abroad. Recently Augsburg students have spent summers in Norway, Spain, Mexico, France, Greece, Germany, and England. Those interested in further information contact the Foreign Study Adviser.

INTERIM. Study abroad during the interim is planned for each year. See listings under the Augsburg Interim Catalog. For information on programs available through other colleges, contact the Foreign Study Adviser.

Honors Program

Some special accelerated sections are available to freshman students with outstanding high school records. For superior students of all class years, interdisciplinary honors seminars are offered each term.

Several departments of the college offer programs through which the student can earn honors in the major. The opportunity to do independent study in fields of interest is available throughout the college.

For students who apply for and receive special status as Honors Scholars, general education requirements are modified as necessary to meet the student's needs and interests. Additional information on the honors program is available upon request from the Honors Program Director at Augsburg.

Degrees

Augsburg College offers the Bachelor of Arts (B.A.) degree. It is expected that in the fall of 1972 Augsburg will inaugurate a program leading to the degree of Bachelor of Music.

Student Life

Your experiences in the classroom are one major influence in your college life. They need supplementing, however, by other activities and opportunities. Whether as a resident student or commuter, you'll find that the climate for learning and living at Augsburg adds dimension to your education.

Social and Cultural

Throughout the year, a variety of social and cultural activities take place on campus as well as in the Twin Cities. These activities include dances, special dinners, big name entertainment, and visiting personalities in various fields.

The college center is the focus of leisure-time activity on campus. Offices for the college newspaper, The Augsburg Echo, and the yearbook, the Augsburgian, are on the lower level. Many of the clubs that unite classroom or non-classroom related interests meet in the Center.

There are many opportunities for participation in music. In addition to the campus and local performances, the Augsburg Choir, Concert Band, and Orchestra tour annually. The String Ensemble, the Choral Club, and several student-organized groups also perform on and off campus.

Recreation

Every student is urged to participate in some activity for his own recreation and relaxation. An intramural program provides competition in a variety of team sports as well as individual performance activities. Climaxing the intramural program is the Extramural Meet, a tournament for intramural winners at various colleges.

Intercollegiate Athletics

Augsburg is a member of the Minnesota Intercollegiate Athletic Conference (MIAC). The college annually competes in ten sports including football, soccer, cross country, basketball, hockey, wrestling, baseball, track, tennis, and golf.

Both the basketball team and the hockey squad took part in post season competition last season. The pucksters finished third in the NAIA tournament.

This year's wrestling team finished tenth in the NAIA national tournament in Oregon. Senior co-captain Pat Marcy won the 150# national championship. The other co-captain, senior Ron Johnson, finished third for the second time in his career.

Religious Life

An important part of daily life at Augsburg are religious activities. The Commission on Religious Activities, chaired by a student and composed of students and faculty, sees its major responsibility in relation to worship, devotional life, and the stimulation of faith through discussion and service. The chapel services which are held four times a week are both experimental and traditional in character. Students, faculty and staff attend voluntarily.

Student Services

The staff of the Center for Student Development is available for consultation on questions of academic procedure, personal, academic and financial problems, student life, student activities, residence halls, and career and professional planning.

All members of the Augsburg faculty serve as academic advisers. Advisers are assigned on the basis of academic interests and students are encouraged to establish close working relationships with their adviser. The faculty takes both a scholastic and personal interest in students.

Housing

Because Augsburg recognizes that a student's ability to respond to the learning environment depends, in part, upon his living conditions, a variety of housing alternatives are provided. The residence hall program is designed to promote student growth through relationships with other students and as an active participant in group decision making. Each residence unit has one or more Resident Assistants who are able to facilitate the process of group living as well as discuss the personal concerns of individual students.

The largest residence hall on campus is the Urness Tower. This eleven-story high rise houses 324. Each floor is considered a house unit providing 36 students, two to a room, with their own lounge, study, and utility areas.

Other residence facilities are:

Sverdrup-Oftedal Memorial Hall which houses about 65 upperclass men and women and provides some faculty and administrative offices.

West Hall, an apartment building purchased shortly after it was erected, which houses 38 upperclass women students.

Sivertsen-Mortensen Hall incorporates a building donated to the college in 1939 and a larger addition erected in 1955. The building provides housing for about 144 men students as well as apartments for the head resident.

A large number of dwellings, called annex housing units, in the greater campus area, provide accommodations for men or women students, married students, and faculty and staff members.

All freshmen and sophomores not living at home are required to live in college operated housing.

Rooms are furnished except for bed linen, towels, blankets, and bedspreads. Laundry facilities are available in each residence. An optional rental linen service is available to students in residence halls and annex housing units.

Students engage a room at the beginning of the fall term for the entire school year. A room deposit, required of upperclass students, is payable in the Treasurer's Office by May 1. Students who have not paid the room deposit by this date are automatically removed from the housing roster. No refunds are made after July 1.

All students living on campus are required to pay a \$25 breakage and fine deposit at the beginning of each school year. The fee is refunded at the end of the year if the condition of the room and furniture is satisfactory and the key is returned.

Food Service

The Commons, situated on the top floor of the College Center, is the main food service facility. This pleasant room features small table units for easy conversation and overlooks the College Quadrangle and Murphy Square. The portions are generous and modestly priced. All students living in residence halls eat their meals in the Commons.

The Chinwag, located on the ground floor of the Center, features short orders and is open through the noon hour and in the evenings.

Augsburg provides a variety of board plan options for those living in college houses or nearby apartments.

Admission to the College

Applying for admission to Augsburg College is an easy procedure. Each application is carefully examined by the Admissions Office and students are accepted on the basis of high school performance, promise of success in college as shown by college entrance examinations, other motivational factors, and personal recommendations.

It is the policy of Augsburg College to afford to all persons without regard to race, color, religion, sex, or national origin, equal opportunity for employment and equal opportunity to benefit from its education programs, student personnel services, financial aid, housing, and other services.

A visit to the campus is highly recommended, and admission counselors are always available to help you and answer your questions.

The Application Process

1. Secure from the Admissions Office, and complete, an official application for admission.
2. Request your school to send a transcript through the latest complete semester to the Admissions Office, Augsburg College, 731 21st Avenue South, Minneapolis, Minnesota 55404.
3. Submit scores from the SAT or ACT. The college recommends that candidates sit for the examination as early as possible during the senior year. Your high school counselor can let you know when these tests are scheduled in your area.
4. When an applicant receives an offer of admission he should return a \$50.00 deposit. This deposit, due April 1, is non-refundable and is credited to the student's first tuition charge.
5. After the deposit has been made, the student must complete the medical history form.
6. Room assignments for those who wish to live on campus, and matriculation information will be mailed during the summer.

Transfer

Students are accepted by transfer from other colleges and universities on the basis of their academic record, test results, and recommendations. College credit is granted for liberal arts courses satisfactorily completed at accredited institutions. The college reserves the right not to grant credit for courses where it considers the work unsatisfactory, and to grant

provisional credit for work taken in unaccredited institutions. The grade point average for graduation is based on work taken at Augsburg.

Early Decision

An Early Decision Program is offered for students who select Augsburg as their first college choice and who will accept an offer of admission if it is extended. An Early Decision candidate must apply by November 15 of the senior year and will receive the admission decision about December 1. After notification of admission and adequate financial aid, if needed, has been provided, the student must agree to withdraw applications made to other colleges. The admissions decision is based upon the academic record through the junior year, test scores, and recommendations. A \$50.00 tuition deposit which is non-refundable is required by January 1.

Early Admission

An Early Admission Program is offered for a few high school juniors. To apply for Early Admission, a student must have a high academic record and test scores, recommendation from the high school, and the maturity to cope with a college course after his junior year in high school. Also, it is recommended that the student complete the requirements for a high school diploma during the summer or during the first year of college. A student applying for Early Admission can take the Scholastic Aptitude Test in January or March of his junior year.

Advance Placement

Advanced placement is granted to students who qualify, on the basis of work taken in high school or elsewhere, to enroll in courses beyond the beginning level. Placement may be determined by tests, or by the level and length of the study previously completed.

Advance Standing

College credit is granted to high school students who have successfully completed a college level course and who have scored high on the Advanced Placement Examinations. Augsburg will also award credit on the basis of scores received on the College Level Examinations offered by the College Entrance Examinations Board. Requests for detailed information may be addressed to the Registrar at Augsburg.

Expenses and Financial Aid

Expenses

TUITION - \$1750.00

This full-time rate applies to new freshmen, transfer or returning students (not on a prior year guarantee plan) entering the academic year beginning in September. Students are considered full time when they take three or more courses during the semester terms.

Under the 4-1-4 calendar, the student must register for the semester periods. Such registration is payable in this manner:

Tuition for the 4-1 (or 1-4) is \$975.00.

Tuition for the remaining semester is \$775.00

If the student elects to omit an interim, a refund is not authorized.

A part-time rate of \$250.00 a course is charged the student taking less than three courses in a semester or registering for an interim course only.

Full-time students may audit a course without charge. For part-time students, the charge for auditing is \$125.00 a course.

SPECIAL FEES - NOT REFUNDABLE

General fee for all full-time students is \$150.00 payable with tuition:

4-1 (or 1-4).....\$85.00
Balance of year.. 65.00

(Applies to Student Government costs, admission to organized activities on campus of athletics, band, choral, and drama events and support of College Center programs and other services. Part-time students are charged on a proportionate basis of \$20 a course.)

Application fee, \$10.00 is required from all new students.

Graduation fee is \$15.00.

Registration fee for students studying abroad on approved non-Augsburg programs is \$25.00.

Seniors enrolled in the Medical Technology program at one of the hospitals must register at Augsburg. They are charged the General Fee of \$150.00 but no tuition.

Fee for change in registration after the first three days of classes is \$2.00 for each course cancelled or added. Late registration fee after classes begin is \$5.00 per day.

SPECIAL COURSE FEES - NOT REFUNDABLE

Cinema Arts, \$10.00

Computer Science, \$25.00

Film Making Course (Laboratory fee), \$50.00

Student Teaching, \$35.00

Improvement of Reading, \$30.00

Music lessons in addition to tuition are \$77.00 a semester (14 lessons), or \$5.50 per lesson during the interim.

Practice Studio rental for each semester for one hour a day: organ, \$20.00 (\$5.00 an interim); piano or voice, \$8.00 (\$2.00 an interim).

OTHER COSTS

Transcript fee: first copy free, additional copy, \$1.00.

Locker rental for commuter students: \$2.00 or \$3.00.

Arrangements for special examinations are made in the Registrar's Office, with charges according to the schedule on file.

Books and supplies are available from the Bookstore on a cash or charge account basis.

BOARD AND ROOM - \$987.00 to \$1,050.00

Men: \$1,020.00 for partial; \$1,050.00 for full board.
(Five month billing, \$570.00 and \$596.00)

Women: \$987.00 for partial; \$1,017.00 for full board.
(Five month billing, \$550.00 and \$565.00)

A full board plan provides 21 meals a week, while a partial board plan provides 14 meals a week (excludes breakfast). Available to commuters is a noon meal only plan, Monday through Friday. Board and room are on a five-month billing period with tuition. Linen service available in residence halls costs approximately \$30.00 per year.

1972 - 73 Cost Summary

Application Fee	\$ 10.00
Tuition	\$1,750.00
<i>(Tuition deposit of \$50.00 paid on acceptance to Augsburg and applied to the tuition charges.)</i>	
Board and Room\$987.00 - 1,050.00
Breakage Deposit	\$ 25.00
<i>(Refunded on termination of studies at Augsburg.)</i>	

Deposits

TUITION DEPOSIT - New students, \$50.00 (not refundable). Required of students whose application for admission has been accepted; to be paid by April 1, 1972 (payment is due January 1 under Early Decision Program). The payment is applied to the tuition charge.

ROOM RESERVATION DEPOSIT - All resident students, \$25.00 (not refundable). Required at the time of signing a contract, to reserve a housing assignment for the term beginning September, 1972, and applied to the room charge.

BREAKAGE AND FINE DEPOSIT - All students at registration, \$25.00. Refundable upon graduation, transfer to another institution, or discontinuing education program at Augsburg.

Settlement of Account

A statement of estimated charges for the year will be prepared and forwarded to the student early in August. Payment of the five-month billing period is due August 20, and the second semester is due January 20. Variation from this schedule must be arranged with the Business Office prior to August 20. No student is permitted to register if his or her account for a preceding term has not been paid in full.

Refunds

If a student decided to cancel his registration, refunds of tuition and room charges are allowed according to the following schedule:

100% through the first Friday of classes.

80% during the balance of first week of classes.

70% during the second week of classes.

60% during the third week of classes.

50% during the fourth week of classes.

40% during the fifth week of classes.

No allowance is given after the fifth week. If a student is forced to cancel his registration because of accident or illness during the first five weeks of the term, the charge is reduced by 50%.

Students required to enter military service will receive a full refund of tuition and a proportionate refund on room charges.

In all cases, board refunds are made on a proportionate basis.

Financial Aid

About 65% of all Augsburg students receive financial assistance from the college in the form of scholarships, grants, loans, campus employment, or a combination of these. Assistance is awarded on the basis of need and academic record. Application for aid is made by completing the Parents' Confidential Statement (PCS) of the College Scholarship Service. Upperclass students must also complete the Augsburg Application for Financial Aid.

For the academic year 1971-72, approximately 900 of the 1500 students at Augsburg received scholarships or grants totaling \$575,000 (240 freshmen received more than \$200,000) and federal loans totaling \$330,000.

Augsburg participates in the Minnesota State Scholarship and Grant Program for which all Minnesota residents are expected to apply and the following federal programs: Educational Opportunity Grant, National Defense Student Loan, College Work-Study, and Federally Insured Student Loan. Both on-campus and off-campus work opportunities are also available.

The deadline for submitting the PCS is March 15. For information, contact the Financial Aids Office at Augsburg College.

Academic Administration

Students who enroll at Augsburg College are encouraged to plan their own course of study with the help of faculty advisers who are readily available for consultation and guidance. A well planned program of liberal arts studies will include courses in the humanities, the natural sciences, and the social sciences.

Augsburg graduates are expected to be able to write effectively; they are also expected to be knowledgeable about urban concerns and have some understanding of cultures outside the United States.

The general physical activities courses at Augsburg are designed to equip students for lifetime sports and recreational activities.

Courses in religion are intended to assist students in their reflection on the meaning of the Christian Church through the study of its beliefs, its scripture, and its mission.

MINIMUM GRADUATION REQUIREMENTS INCLUDE THE FOLLOWING:

1. 35 courses of which 11 must be upper division (numbered in the 300's and 400's) and not more than 13 in one department.
2. Completion of a major.
3. A grade point average of 2.0 (C average) in all courses taken and in courses which apply toward the major.
4. The last year in residence.
5. Satisfactory completion of distribution requirements as follows:
 - a. A course in writing (English 111) or demonstrated proficiency in writing.
 - b. A course from at least two of the following four groupings: art or music; literature (from the Department of English); philosophy; speech or drama.
 - c. A course from at least two of the following departments: biology, chemistry, mathematics, physics, psychology.
 - d. A course from one or two of the following departments: economics, history, political science, sociology; and one or two courses from the Department of Foreign Languages to make a total of three courses in these five departments.

- e. Three courses in religious studies, of which not more than one may be an interim course. All courses listed in the Department of Religion meet this requirement.
- f. A course relating to urban concerns.
- g. Two semesters of recreational activities or demonstrated proficiency in three lifetime sports. Students with proficiency in one or two sports may meet this requirement with one semester of activities.

Division Organization

The college courses are organized into four divisions in order to make interdepartmental coordination more convenient and cooperative aims more easily achieved. A chairman for each division is appointed for a two-year term.

Major and minor requirements are indicated in the departmental statements in the course listing section.

DIVISION OF THE HUMANITIES

Chairman: Mr. Raymond E. Anderson

Department of Art
 Department of English
 Department of Foreign Languages: French, German, Greek,
 Latin, Russian, Scandinavian Area Studies, Spanish
 Department of Music
 Department of Speech, Communications, and Theater Arts

DIVISION OF NATURAL SCIENCES AND MATHEMATICS

Chairman: Mr. Theodore Hanwick

Department of Biology
 Department of Chemistry
 Department of Health and Physical Education
 Department of Mathematics
 Department of Physics

DIVISION OF RELIGION AND PHILOSOPHY

Chairman: Mr. Philip A. Quanbeck

Department of Philosophy
 Department of Religion

DIVISION OF THE SOCIAL SCIENCES

Chairman: Mr. Einar O. Johnson

Department of Business Administration, Business Education,
and Economics

Department of Education: Elementary Education, Secondary
Education, Geography, Library Science

Department of History

Department of Political Science

Department of Psychology

Department of Sociology

Registration

A student must be registered for a course in order to receive credit for it.

A normal load is four courses per semester and one course in the interim. Students registered for three or four courses per semester are defined as full-time students.

Although a student may register up to two weeks after the semester begins, it is advantageous to do so at the regularly scheduled time. A fee is charged for late registration. A fee is also charged for cancelling or adding courses after the first three days of the semester.

Students are urged not to abandon courses for which they are registered. Abandoned courses result in a grade of F. Cancellation of courses or cancellation from college must be done in the Registrar's Office.

Students who have completed at least seven courses with C average are classified as sophomores, 16 as juniors, and 25 as seniors.

Probation and Dismissal

A student may be placed on scholastic probation at the end of a term if his achievement is unsatisfactory.

If a student has been on probation two or more semesters consecutively, he is subject to dismissal at the end of the following spring term. A student who has a poor academic record may be strongly advised to withdraw before the end of spring term, but if he wishes to do so he may continue on probation until the end of the spring term.

Dismissal from the college at the end of the spring term will not be automatic. Each case will be reviewed by the Committee on Admissions and Student Standing.

A student who has been on probation for two terms and withdraws from the college voluntarily must have special permission to re-enroll.

Credit by Examination

Students who are interested in earning credit by examinations should consult with department chairmen or with the Registrar. Credit may be earned through the College Level Examination Program (CLEP) or by comprehensive examinations.

Grading

Most courses are graded on a scale of A, B, C, D, F with four grade points for a grade of A, three for B, two for C, one for D and zero for F.

Most courses are also offered on a Pass/No Credit system, with P meaning a grade of C or better and N meaning less than satisfactory. On the P/N grading system the grade is not computed in the grade point average, and no credit is granted for a course in which the student receives a grade of N.

A full-time student may take up to one course per semester on the P/N grading system, but only two courses on P/N may be allowed for the major and one for the minor.

An incomplete grade (I) may be given only in the case of an extreme emergency. To receive an I grade, a student must file a petition with the Committee on Admissions and Student Standing stating the reasons for requesting it, the plan and date for removing it, and comments from the instructor of the course. If permission to receive an I grade is granted, it must be removed during the following semester.

A grade of X may be given for an Independent Study or Guided Study course that is to be spread over more than one semester. Such a course must be completed during the second semester or the grade of X will remain on the record.

A course in which a grade of F, D, N, I, or X has been received may be repeated for credit. Only the credits and grades earned the second time are counted toward graduation and in the grade point average. Courses in which higher grades have been earned may not be repeated for credit; they may, however, be audited.

Course Descriptions

Descriptions of the courses offered in 1972-73 are given on the following pages. See page 77 for information on numbering, symbols, etc.

American Studies

Director: Grier Nicholl

MAJOR: 13 courses including 295 or 495, and 499, plus 11 courses in U.S. History, Literature and Fine Arts in the U.S., and Social Sciences in the U.S. (5 courses in one of these areas and 3 in each of the others). See director for elective courses and options.

TEACHING MAJOR: 16 courses. Same as above, plus 3 courses in foreign civilization area to be approved by director.

MINOR: 7 courses including 295 or 495 plus 2 courses in each of above groupings under major.

231 RELIGION IN AFRO-AMERICAN HISTORY

An examination of selected topics related to the black experience, e.g., religion under slavery, churches as agents of social change, evangelicalism, etc. (Fall)

232 AFRO-AMERICAN HUMANITIES

Focuses on a limited period of the black experience in America with an emphasis upon the contributions of literature, art, and music in this period. (Spring)

295 CONTEMPORARY AMERICAN ISSUE

Focuses on a significant problem or phenomenon in American life today. A study of the approaches of various disciplines to the issue. Practice in the integration of primary source materials for an understanding of the topic in depth. Open to Freshmen and Sophomores. (Fall)

495 CONTEMPORARY AMERICAN ISSUE

For description, see 295. Open to juniors and seniors who will do a different level of work. (Fall)

499 INDEPENDENT STUDY

One project of an interdisciplinary nature. Field experience during interim encouraged. (Fall, Interim, Spring)

Department of Art

Chairman: Philip Thompson

MAJOR: 9 courses, including 107; two from 486, 487, 488; and three from 118, 221, 223, 225, 350.

MINOR: 5 courses, including 107; one from 486, 487, 488; and two from 118, 221, 223, 225, 350.

102 ENVIRONMENTAL AESTHETICS

Fine arts in the urban and world setting. Participation in the cultural life of the community leading towards appreciation and criticism. (3 one hour lectures. Fall)

107 DRAWING

Drawing in pencil, charcoal, ink, and other media. Descriptive, experimental, and figure studies. *(Fall, Spring)*

118 PAINTING I

Introduction to painting media and technique. *(Fall, Spring)*

221 SCULPTURE I

Three dimensional and/or bas-relief work in terracotta and plaster. *(Fall, Spring)*

223 PRINTMAKING I

Principles and methods of printmaking in a variety of media. *(Fall, Spring)*

225 VISUAL COMMUNICATIONS I

The theory and practice of visual perception and communication using elements such as color, line, shape, texture, and pictorial images. *(Fall, Spring)*

230 VISUAL COMMUNICATIONS II

A study of visual communications in magazines, television, film, advertising symbols, and other mass media. Practice in areas of photography, typography, and illustration. *(Prereq.: 225. Fall, Spring)*

350 CERAMICS I

An introduction to the making of pottery with an emphasis on handbuilding and glazing. *(Fall, Spring)*

351 CERAMICS II

A continuation of handbuilding and glazing with an introduction to throwing techniques. *(Prereq.: 350. Fall, Spring)*

355 PAINTING II

Advanced study of painting. *(Prereq.: 118. Fall, Spring)*

360 DRAWING AND WATERCOLOR PAINTING

Seven weeks of descriptive and experimental drawing followed by seven weeks of watercolor painting with emphasis on the landscape. The functions of perception, structure, and gesture in drawing and transparent watercolor. *(Prereq.: 107. Spring)*

368 PRINTMAKING II

Advanced work in various media, including silk screen, etching, and engraving. *(Prereq.: 223. Fall, Spring)*

478 SCULPTURE II

Three major works in any of the following media: steel (welding), plaster, lead, wood, fiberglass, stone, plexiglass, and others. *(Prereq.: 221. Fall, Spring)*

486 HISTORY OF PAINTING

Survey of Western painting from prehistoric to modern times with topical studies of non-Western and primitive styles, with appropriate references to sculpture and architecture. (Fall)

487 HISTORY OF SCULPTURE

Survey of Western sculpture and related minor arts from prehistoric to modern times with topical studies in African, Oceanic, Pre-Columbian, and Oriental traditions, with appropriate references to painting and architecture. (Spring)

488 HISTORY OF ARCHITECTURE

Survey of Western architecture from prehistoric to modern times with topical studies in national traditions, Pre-Columbian and Oriental styles, and with appropriate references to painting and sculpture. (Fall, 1973-74)

499 INDEPENDENT STUDY

Advanced study in area of the student's choice. Intended for senior art majors who have special concerns outside the four subjects offered in Studio III. (Fall, Spring)

Department of Biology

Chairman: Ralph Sulerud

MAJOR, Option I: 7 courses, including 111, 112, four upper division courses, and one term of seminar. Also required: Chemistry 105, 106 (or 115, 116), 351, 352; Mathematics 124 or 121; Physics 121, 122.

MAJOR, Option II: 9 courses, including 111, 112, six upper division courses, and one term of seminar. Also required: Chemistry 105, 106 (or 115, 116), 223 (or 351, 352).

MINOR: 5 courses, including 111, 112, and three upper division courses. Also required: Chemistry 105, 106 (or 115, 116).

HONORS MAJOR: GPA of 3.5 in biology and 3.0 overall; participation in two biology seminars; one summer or course of approved research; oral examination on academic work in biology and on defense of the research report.

101 PRINCIPLES OF BIOLOGY

The basic concepts of biology. A general education course, not intended for majors in biology. Does not normally apply toward a biology major or minor. Students who receive a grade of B or better will be allowed to enter Biology 112 on consent of instructor. (3 hours lecture, 2 hours laboratory. Fall, Spring)

103 HUMAN ANATOMY AND PHYSIOLOGY

A professional course in the structure and function of the human body. (3 hours lecture, 3 hours laboratory. Fall for nurses only; Spring for other students)

108 MICROBIOLOGY

Basic microbial features are considered as well as applications of microbiology to the fields of medicine and sanitation. (3 hours lecture, 3 hours laboratory. For student nurses only. Prereq.: Chemistry 103. Spring)

110 MAN AND THE ENVIRONMENT

The concept of the ECOSYSTEM, looking at some of its homeostatic mechanisms. The impact man has made upon the ecosystem with his urbanization, pollution, and population explosion. Laboratory demonstration of lecture concepts. The present situation in the natural world in light of the Christian ethic. Does not apply toward the biology major. (Interim)

111, 112 GENERAL BIOLOGY

A comprehensive introduction to biological science. For biology and other science majors. The course includes an introduction to molecular biology, cellular biology, genetics, developmental biology, evolutionary mechanisms, anatomy, physiology, ecology, and phylogenetic relationships of organisms. Must be taken in sequence except by permission of instructor. (111, Fall; 112, Spring)

351 INVERTEBRATE ZOOLOGY

The major invertebrate types stressing classification, morphology, behavior, life history, and evolutionary relationships. (3 hours lecture, 3 hours laboratory. Prereq.: 112. Fall)

353 COMPARATIVE VERTEBRATE ZOOLOGY

A comparative study dealing with the classification, morphology, evolution, distribution, behavior, and population dynamics of the vertebrates. (Prereq.: 112. Interim)

355 GENETICS

The principles of heredity with emphasis on recent advances in human genetics. Laboratory work stressing Drosophila and certain micro-organisms. (3 hours lecture, 3 hours laboratory. Prereq.: 112. Spring)

361 PLANT BIOLOGY

A survey of the major divisions of the plant kingdom including the study of anatomy, life histories, and taxonomy. (3 hours lecture, 3 hours laboratory. Prereq.: 112. Spring)

367 BIOCHEMISTRY

An introductory consideration of the chemistry of proteins, carbohydrates, lipids and nucleic acids including intermediary metabolism. Recommended for students taking 471, 474, 476. (3 hours lecture. Prereq.: 112, Chemistry 223 or 352. Fall)

471 CELLULAR BIOLOGY

A study correlating cell function with ultra-structure. Laboratory work includes micro-technique, cytological studies, studies in cell physiology and biochemistry, and an introduction to tissue culture. (3 hours lecture, 3 hours laboratory. Prereq.: 112, Chemistry 223 or 351. Recommended: 367. Interim)

473 PHYSIOLOGY

A study of the physical and chemical processes occurring in animals with emphasis on the vertebrates. (3 hours lecture, 3 hours laboratory. Prereq.: 112, and Chemistry 223 or 351. Recommended: Physics 123. Fall)

474 DEVELOPMENTAL BIOLOGY

A consideration of the physiological and morphological changes which occur during the development of organisms with emphasis on the vertebrate animals. Experimental as well as descriptive studies are included in the laboratory work. (3 hours lecture, 3 hours laboratory. Prereq.: 112. Recommended: 367. Spring)

476 MICROBIOLOGY

An introduction to the study of micro-organisms with emphasis on bacteria and viruses. Microbial taxonomy, morphology, physiology, genetics, and pathogenicity are considered as well as certain methods. (3 hours lecture, 3 hours laboratory. Prereq. 112, Chemistry 223 or 351. Recommended: 367. Fall)

481 ECOLOGY

A survey of representative biological communities; the study of reciprocal relationships between organisms and their environments. (3 hours lecture, 3 hours laboratory, some Saturday field trips. Prereq.: 112, Chemistry 223 or 351. Recommended: 367. Spring)

491, 492 SEMINAR

Discussions of topics based on biological literature and research. Topics may concern the history and philosophy of science as well as current literature. Seniors majoring in Biology and Natural Science for premedical studies are required to register for at least one term. Medical Technology majors are invited to register. All junior and senior students majoring in Biology are expected to attend. (3 hours class. Prereq.: 112, 491, Fall; 492, Spring)

499 INDEPENDENT STUDY

Individual work on a research project under the direction of an instructor. Intended for biology majors. Primarily laboratory work. (Prereq.: 112, and previous arrangement with instructor. Fall, Interim, Spring)

Department of Business Administration, Business Education, and Economics

Business Administration

MAJOR WITH ACCOUNTING SPECIALIZATION: Business Administration 101, 102, 131, 261, 262, 263, 379, 381, and either 483 or 484. Economics 122, 123, 251 and one additional course selected from 258 or 391 or 392 are also required. For those planning on careers in accounting, completion of the two remaining courses in the sequence 381, 382, 483, 484 is recommended.

MAJOR WITH FINANCE SPECIALIZATION: Business Administration 101, 102, 131, 261, 262, 373, 379, 478, and one other course from the sequence 381, 382, 483. Economics 122, 123, 251 and one additional course selected from 258 or 391 or 392 are also required.

MINOR: 6 courses, including Business Administration 101, 102, and one of 261, 373, 379, 478; and one of 262, 379, 381; and Economics 122 and 123.

HONORS MAJOR: GPA of 3.50 in the major, with average of 3.0 over-all; a senior thesis and comprehensive oral examination in the major field of concentration.

C.P.A. CERTIFICATION: Graduates who wish to take the Certified Public Accountants (C.P.A.) examination prior to fulfilling the experience requirement must have completed the major in Business Administration-Accounting, taken all accounting and business-law courses offered, fulfilled the Natural Sciences or Mathematics general college requirement by taking mathematics, and completed at least 5 courses but not more than 12 courses of related business subject (Economics, Finance, and Mathematics.) Students who have completed the above requirements are qualified under the rules of the Minnesota State Board of Accountancy to sit for the examination immediately after graduation.

101 INTRODUCTION TO ACCOUNTING

Introduction to business activities, basic concepts and fundamentals of accounting, financial planning and budgeting, cost control, and performance measurement. (Fall)

102 PRINCIPLES OF FINANCIAL ACCOUNTING

Formulation of general purpose financial statements, and their evaluation from perspectives of various user groups such as creditors, investors, governmental agencies, and the public. (Prereq.: 101. Spring)

131 BUSINESS LAW

Legal rules relating to contracts, agency, negotiable instruments, property and business organizations under the Uniform Commercial Code. (Interim)

261 FUNDAMENTALS OF FINANCE

Theory of acquisition, allocation, and management of funds within the firm: sources and uses of long and short term funds, cost of capital, capital budgeting, leverage, dividend policy, and related topics. (Prereq.: 101, 102. Fall)

262 INTERMEDIATE ACCOUNTING I

An analysis of accounting theory pertaining to financial statements, income concepts, capital stock and surplus accounts, current and long-term assets. (Prereq.: 101, 102. Fall)

263 INTERMEDIATE ACCOUNTING II

An analysis of accounting theory pertaining to investments, tangible and intangible fixed assets, liabilities and reserves, actuarial topics. Additional emphasis on income determination considering price level changes. (Prereq.: 262. Spring)

373 FINANCIAL MANAGEMENT: THEORY AND CASES

Advanced financial theory: a systems approach to financial structure and policy. Emphasis on decision-making, presentation through literature readings, lectures, and case material. (Prereq.: 261. Spring)

379 QUANTITATIVE METHODS FOR ECONOMICS AND BUSINESS

An introduction to quantitative reasoning, descriptive measures, probability, sampling distributions, inference and estimation with emphasis on their use in applied problems in business and economics. (Prereq.: High School Algebra. Fall)

381 MANAGERIAL ACCOUNTING

Accounting tools for planning and control of economic activities. Planning, budgeting, standard cost systems, as well as other quantitative and behavioral topics. (Prereq.: 101, 102. Spring)

382 TAX ACCOUNTING

The more common and important provisions of federal income taxes for individuals and various forms of business enterprises. (Prereq.: 101, 102. Spring. Offered alternate years)

478 INVESTMENTS AND FINANCIAL INSTITUTIONS

Appraisal of the risk/return relationships of various types of securities from the viewpoint of both individual and institutional investors. Extensive coverage of capital markets and portfolio management. (Prereq.: 261. Fall)

483 AUDITING

Internal and external auditing procedures. Emphasis on internal checks and controls for accounting systems. (Prereq.: 263. Fall)

484 ADVANCED ACCOUNTING

Partnership accounting, fund accounting, insurance, estate and trusts, parent and subsidiary accounting. (Prereq.: 263. Spring. Offered alternate years)

495 TOPICS

Lectures, discussions, meetings with members of the staff or visiting faculty regarding research methodology and readings in the areas of Accounting, Finance or General Business. (Prereq.: #. Fall, Interim, Spring: On Demand)

499 INDEPENDENT STUDY (INTERNSHIP PROGRAM)

A student may receive credit for one course through an internship program which is applicable to but not required for the major. This program will afford the student the opportunity to spend one full term working with some industrial organization. In addition the student will write a report on his activities. The student may also earn independent study credits through individually supervised projects designed to afford him the opportunity to analyze some topic or issue in depth. (Prereq.: #. Fall, Interim, Spring)

Business Education

MAJOR: 12-14 Courses.

CORE PROGRAM: Business Administration 101, 102, 131; Business Education 110, 364, 460, 465; Economics 122, 123; high school typewriting or equivalent required.

ACCOUNTING SPECIALIZATION: Core plus Business Administration 262, 263, and Business Education 108.

ECONOMICS SPECIALIZATION: Core plus Economics 251, 258, 391 or 392.

SECRETARIAL SPECIALIZATION: Core plus Business Education 121, 350, and 353.

OFFICE SPECIALIZATION: Core plus Business Education 108, 350, and English 219.

COMPREHENSIVE MAJOR: Core plus 5 other courses including Business Education 108, 121, 350 and 353.

MINOR: Five courses in Business Education.

If a student desires a two-year secretarial program, a certificate will be awarded upon completion of the following: Business Education 108, 110, 221, 350, 353, 364, 460 and Business Administration 101, 102, 131 and Economics 120. A student in the two-year program must select six courses from the general education requirements.

HONORS MAJOR: GPA of 3.50 in the major, with average of 3.0 over-all; a senior thesis and comprehensive oral examination in the major field of concentration.

101 ELEMENTARY TYPEWRITER (No Credit)

The fundamental skills of typewriting. Emphasis on personal use. Not available to students who have had one year of high school typewriting. (Interim)

108 CALCULATING MACHINES

Operation of ten-key adding machine; rotary, printing and electronic calculators. (Fall)

110 OFFICE TECHNOLOGY

Operation of transcription machines, filing and records management, introduction to data processing, and efficient handling of office duties. (Interim)

221 ELEMENTARY SHORTHAND

Fundamentals of Gregg Shorthand (Diamond Jubilee) with emphasis on theory, reading, and writing shorthand. Introduction to transcription. Development of speed in transcribing material dictated at minimum speed of 80 words a minute. (Not open to students who have had one year of shorthand in high school. Fall)

350 ADVANCED TYPEWRITING

Development of typewriting technique in business letter arrangement, billing, tabulating, manuscripts, legal documents, and duplicating. (Prereq.: High school typewriting or equivalent. Spring)

353 ADVANCED SHORTHAND

Advanced study of Gregg Shorthand with rapid dictation and transcription of material dictated at speeds of 80-120 words a minute. (Prereq.: 121 or equivalent. Spring)

364 BUSINESS COMMUNICATIONS

Communication in the office through use of telephone, telegram, and writing of business letters, memorandums, manuals and reports. (Fall. Offered alternate years, 1972-73)

460 OFFICE MANAGEMENT

Problems relating to supervision and management in the business office, selection and training of employees; and human relations within the office. (Spring)

465 BUSINESS SEMINAR--MARKETING

Principles of marketing with emphasis on distribution and the role of the consumer in the marketing process. Materials and methods in teaching of basic business subjects and projects in marketing. (Fall. Offered alternate years, 1973-74)

Economics

MAJOR: ECONOMICS

Economics 122, 123, 251, 258, 454 and three other courses of economics offerings. Business Administration 101, 102, 379, also required. The complete calculus sequence is very strongly recommended for those planning graduate study in economics. Mathematics 273 may be substituted for Business Administration 379.

ECONOMICS-BUSINESS ADMINISTRATION (Combined Major):

Economics 122, 123, 251, 258 and one other course from economics offerings. Business Administration 101, 102, 261, 373, 379 and one other course from business administration offerings also required.

MINOR:

Economics 122, 123, 251, 258 and one other course from economics offerings.

HONORS MAJOR:

GPA of 3.50 in the major, with average of 3.0 over-all; a senior thesis and comprehensive oral examination in the major field of concentration.

SOCIAL STUDIES TEACHER CERTIFICATION

Students who complete the major in economics may qualify for certification as a secondary school social studies teacher if in addition to the major, they complete courses in each of the following areas: geography, history, political science, and sociology. They must also complete the required education courses. For details, consult with the Department of Education.

Economics 120, 122 and 123 will satisfy general education requirements.

120 ECONOMICS ISSUES OF THE URBAN ENVIRONMENT

Study of the economic implications of the many problems facing a metro-urban environment. Some of the topics to be discussed are: Population "Crisis"; Draft versus an All-Volunteer Army; Ecology and Income Distribution; Distributing Free Bread; Mass Transit Systems, etc.

Note: Economics 120 is a basic course designed for those students who do not plan to major in either Economics, Business Administration or Business Education. Students who plan to major in the above three areas should enroll in 122 and 123 rather than 120. 122 and 123 are also open to non-majors. (Fall, Interim, Spring)

122 PRINCIPLES OF ECONOMICS

An introduction of macro-economics; national income analysis, monetary and fiscal policy, international trade, economic growth. Application of elementary economic theory to current economic problems. May be taken independently of Economics 123 or 120. (Fall, Spring)

123 PRINCIPLES OF ECONOMICS II

An introduction to micro-economics, the theory of the household, firm, market structures and income distribution. Application of elementary economic theory to market policy. May be taken independently of Economics 122 or 120. *(Fall, Spring)*

251 INTERMEDIATE MICRO-ECONOMICS

Theory of resource allocation, analysis of consumer behavior, firm and industry; the pricing of factors of production and income distribution; introduction to welfare economics. *(Prereq.: 123. Fall, Spring)*

258 INTERMEDIATE MACRO-ECONOMICS

Determinants of national income, employment and price level analyzed via macro-models. Attention paid to areas of monetary-fiscal policy, growth and the business cycle. *(Prereq.: 122. Fall)*

379 QUANTATIVE METHODS FOR ECONOMICS AND BUSINESS

See under Department of Business Administration.

391 PUBLIC FINANCE

Analysis of the principles of taxation and public expenditures; the impact of fiscal policy on economic activity; debt policy and its economic implications. *(Prereq.: 123. Fall)*

392 MONEY AND BANKING

Functioning of the monetary and banking systems, particularly commercial banks, the Federal Reserve System and its role in relation to aggregate economic activity. Emphasis placed on monetary theory and policy. *(Prereq.: 122. Spring)*

453 ECONOMICS OF LABOR AND POVERTY

Analysis of labor markets; determination of wages, collective bargaining. Particular attention paid to the economic problems of minority groups and poverty areas. *(Prereq.: 251 or #. Spring)*

454 WELFARE ECONOMICS

Basic concepts and propositions; Pareto optimality, economic efficiency of alternative market structures; social welfare functions; normative concepts of economic theory. *(Prereq.: 251. Spring, alternate years)*

495 TOPICS

Lectures, discussions, meetings with members of the staff or visiting faculty regarding research methodology and current national and international economic problems and policies. *(Prereq.: #. Fall, Interim, Spring, on demand)*

499 INDEPENDENT STUDY (Internship Program)

A student may receive credit for one course through an internship program which is applicable to but not required for the major. This program will afford the student the opportunity to spend one full term working with some organization. In addition, the student will write a report on his activities. The student may also earn independent study credits through individually supervised projects designed to afford him the opportunity to analyze some topic or issue in depth. *(Prereq.: #. Fall, Interim, Spring)*

Department of Chemistry

Chairman: Earl Alton

GRADUATION MAJOR IN CHEMISTRY: 115, 116 (or 105, 106), 351, 352, 353, 361 and one advanced course which may include Biochemistry. Physics 121, 122 and Mathematics 124, 125 also required. Participation in seminar.

AMERICAN CHEMICAL SOCIETY APPROVED MAJOR: 11 courses including 115, 116 (or 105, 106), and all chemistry courses above 350. Chemistry seminar participation; Physics 121, 122 and Mathematics 124, 125, 224. Reading ability in German equivalent to 2 semesters also required.

MINOR: 5 courses which must include 115, 116 (or 105, 106) and 3 additional courses in chemistry. 223, 353, and 361 are recommended; biochemistry may be substituted for 361.

TEACHING MAJOR: The same as the graduation major except that it is suggested that Advanced Inorganic be taken as the advanced course.

DEPARTMENTAL HONORS: Full ACS major; average of 3.50 in chemistry, mathematics, and physics; 3.00 over-all; one summer or course of approved research; participation in seminar.

Credit will not be granted for both 105 and 115; 106 and 116; 223 and 351, 352.

103 ELEMENTARY CHEMISTRY

Designed for nurses at Lutheran Deaconess and Fairview Hospitals. Selected elements of general, organic, and biological chemistry around the theme: the molecular basis of life. (3 one-hour lectures, 1 two-hour laboratory. Prereq.: high school chemistry. Fall)

105, 106 PRINCIPLES OF CHEMISTRY

Somewhat less rigorous than 115, 116; designed especially for students who will not major in chemistry, although students may go from 106 into 251, 253, or 223. Concepts and laws underlying chemistry illustrated by a variety of examples including organic and environmental systems. (3 one-hour lectures, 3 hours of laboratory. 105, Fall; 106, Spring)

115, 116 GENERAL AND QUALITATIVE ANALYSIS

An intensive course for pre-medical students and future chemists. First semester devoted to fundamental principles; and second to inorganic chemistry, qualitative analysis, and a brief introduction to organic chemistry. (3 one-hour lectures, 3 hours of laboratory. Prereq.: high school chemistry, algebra, plane geometry. 115, Fall; 116, Spring)

223 ELEMENTARY ORGANIC CHEMISTRY

Designed for medical technology students and others in a paramedical science area whose professional goals require less than the more intensive two-semester organic course. Aliphatic and aromatic compounds with frequent reference to biochemistry. (3 one-hour lectures, 1 three-hour laboratory. Prereq.: 105 or 115. Spring)

351, 352 ORGANIC CHEMISTRY

Important classes of organic compounds with special emphasis on mechanisms and multi-step synthesis. Descriptive material is correlated by means of modern theories of chemical bonds, energy-relations, and reaction mechanism; many applications of organic chemistry to the biological and environmental sciences. (3 one-hour lectures, one 4.5-hour laboratory. Prereq.: 106 or 116. 251, Fall; 252, Spring)

353 QUANTITATIVE ANALYTICAL CHEMISTRY

Covers volumetric analysis and solution equilibrium in detail and gives an introduction to spectrophotometric techniques of analysis. The laboratory involves quantitative analysis of a variety of samples, and includes trace analysis. (Prereq.: 106 or 116. Offered Interim for majors as per Interim schedule. Offered Spring, especially for Medical Technology majors: 3 lectures, one 4.5 hour laboratory)

361, 362 PHYSICAL CHEMISTRY

The basic theoretical concepts of chemistry: thermodynamics, kinetics, quantum theory, and states of matter. Applications of these concepts to areas of molecular structure, equilibria and electrochemistry in the second semester. (3 one-hour lectures, one 4.5-hour laboratory. Prereq.: 253; Physics 121, 122; Mathematics 124, 125. 361, Fall; 362, Spring)

464 ADVANCED ORGANIC CHEMISTRY

Organized around the problems of identifying organic compounds in the laboratory. Lecture topics include structure-spectra correlations for IR, UV, NMR, and mass spectroscopy; use of the literature (including Beilstein); and further study of reaction mechanisms. Infrared and ultraviolet spectra routinely used. (3 one-hour lectures, 6 hours laboratory. Prereq.: 352, 353, 361 or #; some reading knowledge of German. Spring)

481 ADVANCED ANALYTICAL CHEMISTRY

Principles of atomic and molecular spectroscopy as applied to analytical methods as well as chromatographic and electro-analytical techniques of analysis. (3 one-hour lectures, one 4.5-hour laboratory. Prereq.: 253, 362, or #. Fall)

482 ADVANCED INORGANIC CHEMISTRY

Correlation of inorganic reactions using the electrostatic, valence bond, and molecular orbital models. Coordination chemistry is discussed in terms of ligand field theory. The laboratory involves preparations of inorganic compounds using a variety of techniques. (3 one-hour lectures, 1 three-hour laboratory. Prereq.: 362 or #. Spring)

483 QUANTUM CHEMISTRY

Presents quantum theory in terms of Schrodinger's wave equation and uses the equation to solve the problems of the harmonic oscillator and the hydrogen atom. Approximate solutions are introduced and used to develop molecular orbital theory for molecules. Includes commutators, electron spin, angular momentum and group theory. (3 one-hour lectures. Prereq.: 361 or #. Fall)

491 CHEMISTRY SEMINAR

This seminar, which has no course credit, is a weekly meeting of chemistry majors under the direction of the Augsburg Chemistry Society. Juniors and seniors are expected to participate, with seniors presenting papers. Outside visitors are occasionally invited to participate.

497 CHEMISTRY RESEARCH

Chemistry majors planning research careers need research experience before graduation. Such experience may be obtained by working on a summer research project in the department (not counted as a course) or by research participation during the academic year.

Department of Education

Chairman: Einar Johnson

The courses, Orientation to Education, are open to all students of sophomore standing or above. To enroll in other education courses, a student must have the approval of the department or be admitted to the teacher education curriculum. Application for admission should be made in the Spring semester of the sophomore year.

Elementary Education

ELEMENTARY EDUCATION MAJOR: 8 courses including 255, 361, 362, 371, 372, 470, and two of 481, 482, 483, 484. Health and Physical Education 110 and Library Science 358 also required. An academic minor is required; and an academic major is strongly recommended.

255 ORIENTATION TO EDUCATION (Elementary)

Investigation of various aspects of the teaching profession. Human relations, opportunity for in-school work. Open to all students. (Prereq.: sophomore standing. Fall, Spring)

361, 362 TEACHER COMPETENCIES

Development and mastery of competencies necessary for teaching in the elementary school. Laboratory experiences in classrooms. (Prereq.: Admission to elementary education. Fall, Spring)

371, 372 ELEMENTARY CURRICULUM: METHODS AND MATERIALS

Examination and preparation of materials and resources for each of the subject areas taught at the elementary level. Application of teacher competencies in various methods to each of the subject areas. Laboratory experiences in classrooms. (Prereq: Concurrent registration in 361, 362. Fall, Spring)

478 SCHOOL AND SOCIETY

See under Secondary Education.

481, 482 STUDENT TEACHING I

Experience in observing and directing learning experiences in elementary school under supervision of college and elementary school personnel. (Prereq.: 361, 362, 371, 372. Fall, Spring)

483, 484 STUDENT TEACHING II

Refinement of teaching skills at elementary level. Additional teaching experience in the classroom. (Prereq.: 481 or 482. Fall, Spring)

Secondary Education

265 ORIENTATION TO EDUCATION (Secondary)

Investigation of various aspects of the teaching profession. Human relations. Opportunity for in-school work. Open to all students. (*Prereq.: sophomore standing. Fall, Spring*)

359 METHODS IN SECONDARY EDUCATION

Teaching procedures, material and problems at the secondary level. Seminars are integrated with direct involvement in the classroom (*1973-74*)

369 SPECIAL METHODS IN THE MAJOR

Teaching procedures, materials and problems at the secondary level in the major concentration. (*1973-74*)

478 SCHOOL AND SOCIETY

The emphasis in this course is on the school in relation to society with particular attention to urban education. Introduced by a study of educational philosophy and the development of American education, current major issues in education will be studied. (*Fall, Spring*)

480, 481 STUDENT TEACHING

Students will be placed in a classroom for full days. Opportunities are provided for experience in observing and directing learning experiences on the secondary level under the supervision of college and high school personnel. Seminars will be held on a regular basis during the student teaching experience. (*Prereq.: 265, 359, 369. Fall, Spring*)

488 HUMAN RELATIONS

This is a series of activities designed to assist the student to meet, in part, the State Board of Education regulation for teachers regarding human relation understanding and skill. The program will be carried out at both the college and the school where the student will do his student teaching. (*Offered only 1972-73*)

Geography

114 HUMAN GEOGRAPHY

An introduction to the basic concepts and tools of geography followed by a survey of the distribution patterns to be found in our physical and human environment.

Library Science

245 THE MEDIA CENTER: ORGANIZATION AND ADMINISTRATION

Organization of materials, including acquisition, processing and circulation. Services of the media center and methods of evaluation. (*Fall*)

358 THE ELEMENTARY SCHOOL LIBRARY: MATERIALS SELECTION AND GUIDANCE

Characteristics and purposes of an elementary school library. Extensive study of evaluation sources, book talks, storytelling, curriculum needs. Concentration on guidance in use of print and non-print materials. (*Fall*)

359 REFERENCE SERVICES IN THE LIBRARY

Study of basic information sources most frequently used by students and librarians. Includes preparation of bibliographies and library instruction. (Spring)

475 THE HIGH SCHOOL LIBRARY: MATERIALS SELECTION AND GUIDANCE

Survey and evaluation of library materials on the secondary school level, with attention to their use in relation to curricula as well as for personal interests and needs of adolescents. (Spring)

499 INDEPENDENT STUDY

Independent study and research on some topic of interest in the field of school library service, worked out in consultation with a faculty adviser. Open to juniors and seniors, with department approval.

Department of English

Acting chairman: Ronald Palosaari

MAJOR: 9 courses, including 3 courses in British literature (1 course from literature before 1660), 1 course in American literature, 1 course in world literature (a course outside the Anglo-American tradition), and course 219.

MAJOR FOR SECONDARY TEACHING: 10 courses, including those listed for the major and 320. A course in expository writing (219) is required. Courses 250 and 438 recommended. Speech 111 or 352 or 355, and 360 or 366; and Library Science 475 are required.

HONORS MAJOR: GPA of 3.5 in the major and 3.0 over-all; submit program to department chairman early in senior year; defend honors thesis before faculty committee in senior year. Honors thesis may be an independent study program.

MINOR: 5 courses, including two courses in British literature, one course in American literature, and either 219 or 320. Teaching minors must include both 219 and 320.

Prerequisite for a lower division literature course is successful completion of English 111. Prerequisite for an upper division course is successful completion of a lower division literature course.

111 EFFECTIVE WRITING

The study of composition with emphasis upon expository writing. Attention to correct usage, logical organization, the research paper, and analysis of the short story. (Fall, Spring)

219 ADVANCED WRITING

A course designed to develop advanced skills in a variety of writing specializations. The focus of each course will shift from term to term, e.g., Advanced Writing: Expository; Advanced Writing: Creative; Advanced Writing: Journalism; Advanced Writing: Business and Technical. (Fall, Spring)

243 INTRODUCTION TO CINEMA ART

See description under Speech, Communication, and Theatre Arts. (Spring)

250 AMERICAN LITERATURE TO 1920

Works of selected American writers from Colonial times through the emergence of naturalism; reading and analysis of significant works; attention is also given to the contribution of the writer to the historical development and literary movements of American literature. *(Fall, Spring)*

261 MODERN FICTION

Significant works of selected prose writers, chiefly European, of the twentieth century. *(Fall, Spring)*

271 CLASSICAL TRADITION

Study of the works of selected Greek and Roman writers in the various genre, and the influence of the classical tradition on later Western literature. *(Fall, Spring)*

272 LITERARY CLASSICS

Reading, analysis, discussion of selected European classics from the Renaissance to the Modern Age, chiefly non-English writers. *(Fall, Spring)*

320 DEVELOPMENT OF THE ENGLISH LANGUAGE

A study of modern English viewed from a historical perspective, with reading in recent linguistic studies. Designed to give the student an introduction to structural linguistics and a view of the development of the English language. *(Spring)*

331 CHAUCER AND THE MIDDLE AGES

While the primary study of the course will be the writings of Geoffrey Chaucer, considerable attention will be given to the medieval literary milieu out of which Chaucer wrote. Medieval poetry, romance, and drama will be examined. *(Alternate years, 1972-73, Fall)*

332 MILTON AND THE RENAISSANCE

A study of Milton's major poems and selected prose. In addition the Renaissance literary tradition out of which Milton created his works will be examined. *(Alternate years, 1973-74)*

336 BRITISH LITERATURE, FROM THE METAPHYSICALS TO THE POST AUGUSTANS

Reading, analysis, and discussion of works of selected writers from the metaphysical poets through Blake, with attention to the historical, intellectual, and social influences and the major literary movements. *(Fall)*

337 BRITISH LITERATURE, THE ROMANTICS AND THE VICTORIANS

Study of the works of significant Romantic and Victorian poets, critics, essayists and novelists and of the major literary movements of the century. *(Spring)*

351 AMERICAN LITERATURE SINCE 1920

A study of significant American writers and literary movements of the twentieth century. *(Spring)*

367 MODERN POETRY

Study of the work of selected twentieth century poets, chiefly British and American, with attention to recent criticism. (*Alternate years, 1972-73, Fall*)

368 MODERN DRAMA

Significant works of American, British, and continental dramatists of the twentieth century. (*Alternate years, 1972-73, Fall*)

375 MODERN SCANDINAVIAN NOVEL

See description under Scandinavian Studies 375.

376 MODERN SCANDINAVIAN DRAMA

See description under Scandinavian Studies 376.

423 STUDIES IN THE NOVEL

A survey of the development of the novel through study of the selected British, American, and Continental novels. (*Alternate years, 1972-73, Fall*)

428 STUDIES IN CRITICISM

An examination of the major forces that have shaped Western literary criticism. Selected works of criticism are studied. (*Alternate years, 1973-74*)

438 SHAKESPEARE

Study of ten or twelve major plays--comedies, histories, tragedies--with attention to the development of Shakespeare's dramatic and poetic art. Additional plays assigned for reading analysis. (*Spring*)

490, 491 ENGLISH SEMINAR

Course 490, a theme or movement; course 491, a major writer or a major work. Enrollment open to juniors and seniors. (*Fall, Spring*)

499 INDEPENDENT STUDY

Open to junior or senior English majors with a grade of B or consent of department chairman. Provides directed independent study in the area of the student's choice. (*Fall, Spring*)

Department of Foreign Language

Chairman: Donald Steinmetz

Students with previous foreign language study should register in courses suited for their particular level of preparation. Basically, placement in foreign language courses follows the formula: 1 year of high school foreign language equals 1 term of college foreign language. To allow for individual differences, however, final placement is made according to the results of a placement test which may be taken at the beginning of any term and after consultation with the instructor. Students placed in a particular course wishing to register for a more elementary course may do so, but only for a grade of P/N.

French

MAJOR: 8 courses above 212, including two in conversation-composition, one in civilization, and three in literature, of which one should be course 352. One interim plus one semester, or one semester plus one summer of study in France strongly recommended.

MINOR: 4 courses above 212, including one in conversation-composition, one in civilization, and one in literature. One interim or summer of study in France strongly recommended.

RECOMMENDED SUPPORTING COURSES: *Methods in Modern Languages, for teachers; European History, a second language, linguistics, English literature.*

011 DIRECTED STUDY

Conversational French, readings. Once weekly. No credit. Offered on demand.

111 BEGINNING FRENCH

Designed to introduce the student with no previous background in French to the language and to French culture. The pronunciation system, basic noun groups and verb forms, and sentence structures are taught to enable understanding and speaking on a rudimentary level. Two hours laboratory work. See above on advanced placement. (Fall)

112 BEGINNING FRENCH

For those who have had 111 or equivalent. Through conversations, sentence practice, and readings, the study of tenses and forms is completed to make possible basic communication, beginning reading skills, and acquaintance with French culture and way of life. Two hours laboratory work. See above on advanced placement. (Fall, Spring)

211 INTERMEDIATE FRENCH

Those who have studied most of the basic structures may here review all tenses and some other structures through a core of twentieth-century French literary readings. This course moves toward expressing opinions and greater ease in reading. Two hours laboratory work. (Fall, Spring)

212 INTERMEDIATE FRENCH

Completes the review of basic structures and more complex forms. Several twentieth-century literary works are explored with the goals of communicating ideas and building sufficient reading skill to pursue general reading and literary study in French. (Spring)

243 FRENCH LITERATURE IN TRANSLATION

Major representative works of French literature read in English translation. Through individualized background reading and class discussion, students become acquainted with artistic qualities and cultural-historical significance of these works. Sophomore standing. Does not count toward a French major or minor. (Interim, 1973, and yearly on demand)

311 CONVERSATION-COMPOSITION

Post-intermediate level. Explores topics of current interest in both oral and written form to build fluency, accuracy, and facility of expression. Emphasis on vocabulary enrichment, grammatical refinements, effective organization of ideas. Laboratory assignments. A prerequisite to other upper division courses. (Fall; Spring on demand)

312 FRENCH EXPRESSION

A two-pronged approach to coherent and correct expression. Attention to grammatical structures, French turns of phrase and elementary stylistics. French phonology and speech groups practiced to overcome inadequacies and incorrect speech habits. (Prereq.: 311 or #. Offered once yearly upon demand)

331 FRENCH CIVILIZATION: HISTORICAL PERSPECTIVE

A study of the diversified development of the French from their beginnings to the modern period. Special attention to cultural manifestations of their intellectual, political, social and artistic self-awareness. Readings, reports, extensive use of audio-visual materials. In French. (Prereq.: 311 or consent of instructor. Offered alternate years. Fall 1973-74)

332 FRENCH CIVILIZATION TODAY

Topics in twentieth-century problems, ideas, cultural manifestations that promote understanding the French people and their contribution to the contemporary scene. Readings, reports, extensive use of audio-visual materials and periodicals. In French. (Prereq.: 311 or #. Alternate years. Spring 1974-75)

351 MIDDLE AGES AND RENAISSANCE

A survey of the major literary works from the twelfth century renaissance through the sixteenth century. These include the epic, courtly romance, early historians, early theatre, lyric poetry, fiction, and the essay. Oral and written reports in French, some laboratory texts. (Prereq.: 311 or #. (Fall 1974-75; offered every third year)

352 SEVENTEENTH CENTURY

A survey of the major literary contributors to the classical age in France, and the intellectual, social, and ethical currents reflected in their works. Theatre, poetry, early novel, letters and other prose forms. Classes, oral and written reports, and laboratory work in French. Required of all majors. (Prereq.: 311 or #. Fall 1972-73. Offered alternate years)

353 1700 THROUGH ROMANTICISM

A survey of the major works contributing to the enlightenment or age of reason and the romantic movement that followed. Primarily prose writers, poets and dramatists. Classes, oral and written reports, and laboratory texts in French. (Spring 1973-74. Offered every third year)

354 REALISM TO WORLD WAR I

A survey of the nineteenth-century novel (Balzac, Flaubert, Zola, etc.), Baudelaire and his successors in poetry, and the literature of ideas that led to new forms and literary emphases with the turn of the century (Proust, Gide, Apollinaire, etc.) Classes, oral and written reports, and laboratory texts in French. (Prereq.: 311 or #. Fall 1975-76. Offered every third year)

355 TWENTIETH CENTURY LITERATURE

A survey of the major French literary movements since World War I, including the novel, the theatre, poetry, the essay, and criticism. Classes, oral and written reports, and laboratory texts in French. (Prereq.: 311 or #. Spring 1972-73. Offered every third year)

411 ADVANCED CONVERSATION-COMPOSITION

By means of reading, speaking and writing on topics of intellectual, social, or political interest the student acquires extensive training in the four skills at an advanced level. Attention to accuracy and effectiveness, characteristic levels of expression, refinements in style and organization as individual needs indicate. Provides for self-improvement and self-evaluation. Laboratory assignments. Required for all majors. (Prereq.: 311 or #, junior standing. Spring)

451 THE MODERN FRENCH NOVEL

A study of major authors (Proust, Mauriac, Malraux, St. Exupery, Sartre, Camus, Robbe-Grillet, Duras, etc.) that shows the evolution of this genre in theme and form. Analyses, discussion, and papers in French. (Prereq.: 311 or #. 332, 354, or 355 recommended. Spring 1974. Every third year)

452 TWENTIETH CENTURY FRENCH DRAMA

A study of modern French plays that shows the evolution of this genre from classical forms to Theatre of the Absurd and anti-theatre. Group and individualized study of major works. Analyses, discussion, and papers in French. (Prereq.: 311 or #. Recommended 332, 352, or 353. Spring 1974-75. Offered every third year)

495 FRENCH SEMINAR

Study in depth of an author, topic, or genre in French literature. Student presentations in French. For advanced students. (See Interim suggestions) (Prereq.: 311 and one survey (351, 352, 353, 354, 355) Offered upon demand)

499 INDEPENDENT STUDY

Individual pursuit of a topic, movement, or genre at an advanced level. Designed to complete a balanced program, enhance research, or meet individual interests. In literature a major paper and its defense are included. (Prereq.: 311 or #. Consultations with French teachers required. Junior standing. Fall, Interim, Spring. Subject and plan to be clarified early with study adviser)

German

MAJOR: 8 upper division courses, including 311 and 411, Interim and/or summer in Germany strongly recommended.

MINOR: 4 upper division courses, including 311 and 411. Interim and/or summer in Germany strongly recommended.

RECOMMENDED SUPPORTING COURSES: *Methods in Modern Languages, for teachers; European History, a second language, linguistics, English literature.*

111, 112 BEGINNING GERMAN

For students with less than 2 terms (or 2 years high school) of previous German. Aims at developing basic skills. Classroom practice in speaking, understanding and reading basic German. Laboratory materials available. (111 Fall, Spring. 112 Fall, Spring)

211, 212 INTERMEDIATE GERMAN

For students with 2 terms (or 2 years high school) of previous German. Aims at developing basic skills into working knowledge of German. Review of basic structures accompanies primary emphasis on extending range of vocabulary and idiomatic expression through reading and discussion of materials representing contemporary German life and literature. (211, Fall. 212, Spring)

244 GERMAN LITERATURE IN TRANSLATION

Principle works of German literature representing various periods and movements are read and discussed in English. The readings are considered not only in the particular context of German cultural history, but also in the more universal perspective of world literature. Credit for this course does not apply to a major or minor in German. (Fall)

311 GERMAN CONVERSATION AND COMPOSITION

Aims at developing facility in the use of grammatical structures, vocabulary and idiomatic expressions most common in colloquial German. Intensive practice in speaking is supplemented with exercises in written composition. (Fall)

331, 332 GERMAN CIVILIZATION AND CULTURE

Survey of significant currents of development which have shaped present-day Germany, Austria and Switzerland. The contemporary scene is considered in view of its roots in the intellectual, geopolitical, artistic and scientific history of the German-speaking people. Classroom language is German, supplemented by English when helpful. (Offered alternate years. 331, Fall 1972-73; 332, Fall 1973-74)

351 SURVEY OF GERMAN LITERATURE: MEDIEVAL AND RENAISSANCE

Selected readings from the heroic epic and courtly literature, mysticism, humanism, the Reformation era and Baroque, supplemented by lectures on the history of German literature and its cultural and geopolitical backgrounds. (Fall 1972-73)

352 SURVEY OF GERMAN LITERATURE: 18th CENTURY

Representative works of Pietism, Enlightenment, Sturm und Drang and Classicism, with special emphasis on Lessing, Goethe and Schiller. Lectures treat literary history and its relation to enduring social and intellectual questions. (Spring 1972-73)

353 SURVEY OF GERMAN LITERATURE: ROMANTICISM AND 19th CENTURY

Highlights of Romanticism, Jung-Deutschland, Poetic Realism, Naturalism and Impressionism. Lectures and discussions consider these movements as antecedent to 20th century literature. (Fall 1973-74)

354 SURVEY OF GERMAN LITERATURE: 20th CENTURY

Principle works of 20th century are read: Mann, Hesse, Kafka, Brecht, Expressionism and post-war literature. Stress on literature as it reflects the concerns and crises of our times. (Spring 1973-74)

411 ADVANCED GERMAN COMPOSITION AND CONVERSATION

Aims at developing and refining the student's use of German as a vehicle for expressing his own ideas and opinions. Emphasis on written composition including control of style. Oral practice through use of German as classroom language. (Spring)

451 GERMAN PROSE

Reading and discussion of German prose masterpieces from Goethe to the present. Lectures treat the development of the epic genre as a mirror of cultural and geopolitical history. (Spring 1972-73)

452 GERMAN DRAMA

Representative dramatic works from late 18th century to the present are discussed and read as symptomatic of general human concerns. Lectures treat the historical development of the drama. (*Spring 1973-74*)

499 INDEPENDENT STUDY

Greek

111, 112 BEGINNING GREEK

Theoretical and practical study of Greek grammar, with special emphasis on morphology. Translation exercises from and into Greek. (*111, Spring 1972-73; 112, Fall 1973-74*)

211 NEW TESTAMENT GREEK

Selection from the New Testament with special emphasis given to parsing and syntax of the Greek text. (*Fall, 1972-73; Spring, 1973-74*)

Latin

111, 112 BEGINNING LATIN

Theoretical and practical study of Latin grammar, with special emphasis on morphology. Exercises in translation from and into Latin. (*111, Fall; 112, Spring*)

Russian

111, 112 BEGINNING RUSSIAN

For students having no previous Russian. Introduction to basic elements and distinctive features of Russian. Simple prose readings accompanied by practice in speaking and writing. Prepares student for more advanced study of Russian. (*111, Fall; 112, Spring*)

Scandinavian Area Studies

MAJOR: 8 upper division courses.

MINOR: 4 upper division courses.

All programs must contain 4 courses listed in the Augsburg College catalog or transferred to Augsburg as upper division Scandinavian Language courses, i.e., courses taught by a Scandinavian Language department or sub-department regardless of their content which may be linguistic, literary or cultural. Students graduating with a major or minor must also present the equivalent of intermediate level study of a Scandinavian language.

111, 112 BEGINNING NORWEGIAN

Introduction of the four basic language skills: speaking, listening, reading and writing. Stress on spoken rather than literary Norwegian. Laboratory work expected. (*111, Fall. 112, Spring*)

211, 212 INTERMEDIATE NORWEGIAN

Continued conversation and composition to improve comprehension and facility in expression. Selected readings in Norwegian used as basis for class discussion and exercises. Brief literature survey. Laboratory work expected. (*Prereq.: 112 or equivalent. 211, Fall, 212, Spring*)

311 NORWEGIAN COMPOSITION AND CONVERSATION

Intensive practice in spoken Norwegian with emphasis on pronunciation and original composition. Some attention given to regional variations in spoken Norwegian and to differences between the two official languages of Norway. (Prereq.: 212 or equivalent. Spring 1972-73)

331 MODERN SCANDINAVIA

A broad survey of Scandinavian culture with special emphasis on conditions and developments in the twentieth century. Knowledge of a Scandinavian language desirable but not required. (Offered when feasible)

351 THE MODERN SCANDINAVIAN NOVEL

Lectures provide a survey of the Scandinavian novel. Class discussion based on assigned reading of selected novels by Jonas Lie, Sigrid Undset, Selma Lagerlof, Par Lagerkvist, Knut Hamsun, Halldor Laxness and others. Knowledge of a Scandinavian language desirable. Language majors and minors will be required to do assigned readings and written work in a Scandinavian language. (Fall, 1972-73)

352 THE MODERN SCANDINAVIAN DRAMA

Readings include dramatic works by Ibsen, Bjornson, Strindberg, Lagerkvist, Munk and other twentieth century dramatists. Lectures provide a survey of Scandinavian drama with emphasis on Ibsen and Strindberg. Knowledge of a Scandinavian language desirable. Language majors and minors will be required to do assigned readings and written work in a Scandinavian language. (Fall, 1973-74)

411 ADVANCED NORWEGIAN CONVERSATION AND COMPOSITION

Further intensive practice in spoken and written Norwegian. Some attention given to the other Scandinavian languages and to the historical development of Norwegian. Laboratory work. (Prereq.: 311 or equivalent. Spring, 1973-74)

482 SCANDINAVIAN MUSIC

See description under Department of Music.

499 INDEPENDENT STUDY

Spanish

MAJOR: 8 courses above 214, including 315, 456 or 457, 416, 352-353 or 354-355. (Study in Spain or Latin America strongly recommended)

MINOR: 4 courses above 214, including 315, 331 or 332, and one course in literature. (Study in Spain or Latin America strongly recommended)

111, 112 BEGINNING SPANISH

Aims to develop the four basic skills: understanding, speaking, reading, and writing of elementary Spanish. Introduction to culture of Spanish-speaking world. Laboratory work is an integral part of the course.

213, 214 INTERMEDIATE SPANISH

A thorough review of grammar with emphasis on active use of the language, supplemented by readings in culture and literature. (Prereq.: 112 or 2 years of high school Spanish)

249 SELECTED WORKS OF SPANISH AND LATIN AMERICAN LITERATURE IN TRANSLATION

Major works of Spanish and Latin American literature representing various periods and movements are read in English translation. Through background reading and class discussion in English the student is acquainted with the salient artistic qualities and cultural-historical significance of the readings. Credit in this course does not count toward a major or minor in Spanish. Sophomore standing preferred.

315 SPANISH CONVERSATION AND COMPOSITION

Thorough oral and written practice in correct expression with the aims of fluency and facility. Enrichment of vocabulary. Laboratory work. (Prereq.: 112 or equivalent. This course is a prerequisite for all upper-division courses)

331 SPANISH CIVILIZATION AND CULTURE

Study of the Spanish character and of Spanish contribution to world civilization through its historical, intellectual, literary, and artistic movements. In Spanish.

332 LATIN AMERICAN CIVILIZATION AND CULTURE

A study of the cultural heritage of the Spanish American countries from the pre-Colombian civilization to the present. (Prereq.: 315)

352, 353 SURVEY OF SPANISH LITERATURE

A study of representative authors in Spanish literature, supplemented by lectures on the literary movements and development of Spanish literature. Lectures, discussion, written and oral reports in the language.

354, 355 SURVEY OF LATIN AMERICAN LITERATURE

A study of the development of Latin American literature, its major literary movements, and its most representative authors. Lectures, discussion, written and oral reports in the language. (Prereq.: 315)

416 ADVANCED CONVERSATION AND COMPOSITION

Emphasis on increasing facility and correctness of written and oral expression through conversations, discussions, reports, debates, and written compositions and grammatical exercises.

417 ADVANCED GRAMMAR

Systematic study of the refinements of grammatical usage. (Offered on demand)

456 SPANISH DRAMA

Study of the masterpieces of dramatic literature in Spain. Oral and written reports in the language. Emphasis on the Golden Age and the Modern Period. (Prereq.: One survey course)

457 SPANISH NOVEL

Study of the outstanding novelists of the nineteenth and twentieth century in Spain. Oral and written reports in the language. (Prereq.: One survey course)

499 INDEPENDENT STUDY

Department of Health and Physical Education

Chairman: E. W. Anderson

BROAD MAJOR IN HEALTH AND PHYSICAL EDUCATION: 13 courses. 110, 223, 231, 232, 243, 351, 352, 360, 369, 471, 472, 473, 482; Biology 103; Chemistry 105, and Sociology 231.

PHYSICAL EDUCATION MAJOR: 8 courses. 223, 231, 232, 243, 351, 352, 471, 472.

PHYSICAL EDUCATION TEACHING MAJOR: 10 courses. 110, 223, 231, 232, 243, 351, 352, 369, 471, 472.

PHYSICAL EDUCATION MAJOR WITH SPECIALIZATION IN CORRECTIVE THERAPY: 8 courses in physical education sequence. 110, 231, 232, 243, 351, 352, 471, 472, 485, 491, 495. Psychology 361, 362; Sociology 375; and one additional Human Physiology course are also required.

PHYSICAL EDUCATION MINOR: 5 courses. 110, 223, 231, 232 or 272, and 243.

HEALTH TEACHING MINOR: 5 courses. 110, 351, 360, 473, and Sociology 231.

COACHING ENDORSEMENT: 4 courses. 110, 243, 351, 482 and practicum in coaching.

Coaches entering their first head-coaching assignment in Minnesota public schools are required to have at least a coaching endorsement in the field of physical education and athletics.

102, 103 LIFETIME SPORTS

Two hours per week. Meets the general education requirement. During the Interim, recreational activities will be offered on an elective basis. (Fall, Spring)

110 HEALTH AND FIRST AID

Modern concepts and practices of health and healthful living applied to the individual and the community. Includes also the American Red Cross First Aid Course. (Fall, Interim, Spring)

223 TEAM SPORTS

Theory and practice in teaching and officiating team sports. Separate sections for men and women. (Women, Fall; Men, Spring)

231 INDIVIDUAL AND DUAL SPORTS

Theory and practice in teaching individual and dual sports. Separate sections for men and women. (Men, Fall; Women, Spring)

232 RECREATIONAL ACTIVITIES AND RHYTHMS

Theory and practice in teaching recreational activities, social recreation, quiet games, low organized games, noon hour activities, camp nights, relays, modified games, simple rhythmic games, folk and square dancing. (Spring)

243 HISTORY AND PRINCIPLES OF PHYSICAL EDUCATION

History, principles, and philosophy of physical education. (Spring)

351 KINESIOLOGY AND PHYSIOLOGY OF EXERCISE

Mechanics of movement with special emphasis upon the action of the muscular system. The major effects of exercises upon the systems of the body. (Prereq.: Biology 193, Chemistry 105. Spring)

352 ADAPTED PHYSICAL EDUCATION AND EVALUATION

Physical education for the exceptional child with special reference to the analysis of functional and organic abnormalities and the role of physical education. Survey of basic statistical procedures and evaluation of tests in physical education. (Spring)

360 SCHOOL HEALTH EDUCATION CURRICULUM

Curriculum content in a school health education program. (Fall)

369 METHODS AND MATERIALS IN PHYSICAL EDUCATION

Also includes American Red Cross Instructors Course in First Aid. (Prereq.: Currently valid Standard First Aid card. Fall, Interim, 1973-74)

471 PHYSICAL EDUCATION PROGRAMMING

Curriculum analysis and preparation. Administrative techniques and procedures. (Fall)

472 SELF-TESTING ACTIVITIES--SWIMMING AND AQUATICS

Theory and techniques of teaching stunts, tumbling, and special fitness activities. Theory and practice in teaching swimming, life-saving and water safety. Open only to majors and minors. Men and women meet separately. (Fall)

473 ADMINISTRATION OF SCHOOL HEALTH EDUCATION PROGRAM

Methods, materials, techniques, and procedures. (Spring)

482 COACHING OF SPORTS

Theory and techniques of coaching. Prevention and care of athletic injuries. (Interim)

483 CONTEMPORARY HEALTH PROBLEMS

Analysis in depth of basic human health problems. Includes visitations by health resource experts and student visitations of various off-campus health programs. (Interim)

485 APPLIED ADAPTED ACTIVITIES

Course includes consideration of ambulation, self care, adapted sports and games, and swimming for the handicapped. (Prereq.: 351, 352. Summer school only)

491 THERAPEUTIC EXERCISE

A study of the treatment of disease and injury. Includes general principles and administration of neuromuscular re-education. (Prereq.: 351, 352. Summer school only)

495 PROFESSIONAL AFFILIATION

Four hundred hours of hospital affiliation at VA Hospital, Fairview Hospital, and Cambridge State Hospital. Includes actual hospital experience in the following four areas of corrective therapy: (1) Psychiatry, (2) Orthopedics, (3) Neurology, (4) Rehabilitation. (Prereq.: 485, 491, and approval of department)

499 INDEPENDENT STUDY

Directed intensive study in the area of Health Education or Physical Education. Open only to majors.

Department of History

Chairman: Donald Gustafson

MAJOR: 8 courses plus 1 seminar.

At least four of these courses must be upper division. A major must have at least one course (either survey or upper level) from each of the four areas: Ancient and Medieval; Europe; U.S.; and non-Western.

Majors with an average of 3.5 or above in history courses are encouraged to apply to individual instructors for permission to register for directed independent study. A maximum of one course in independent study may be applied toward the major.

HONORS MAJOR: GPA of 3.6 in the major and 3.0 over-all; application before the end of the first term of the junior year; two years of a foreign language at the college level (or its equivalent); an honors thesis (equal to one course credit) to be defended before a faculty committee.

MINOR: 5 courses, at least three of which must be upper division.

Students are required to take at least one survey course (numbered below 300) before registering for an upper level course. Lower level courses need not be taken in sequence.

Admission to the seminars is by permission of the instructor.

101 THE BEGINNINGS OF THE WESTERN MAN

A look at man's first civilizations in The Near East through the high middle ages of Europe in the 1200s. (Fall, Spring)

102 THE SHAPING OF WESTERN MAN

A consideration of European institutions and values from the waning of the middle ages through the remodeling of Europe by Napoleon. (Fall, Spring)

103 THE MODERN WORLD

A study of the main currents in western civilization from the time of Napoleon to the present. (Fall, Spring)

104 THE MODERN NON-WESTERN WORLD

An introduction to various centers of cultural and political power in Asia and Africa of the last 200 years. (Fall, Spring)

221 U.S. HISTORY TO 1877

A survey of Americans from Jamestown through the efforts to reconstruct a nation torn apart by The Civil War. *(Spring)*

222 U.S. HISTORY SINCE 1877

An assessment of the century which precedes our modern day. *(Fall)*

331 20TH CENTURY U.S.: CHALLENGE OF URBANIZATION

Exploration in depth of such topics as the Progressive Movement, the New Deal, and the post-New Deal era. *(Fall, 1972-73)*

332 HISTORY OF AMERICAN FOREIGN POLICY

The relationship of foreign policy to general American development is stressed through the period of the Cold War. *(1973-74)*

360 THE ANCIENT NEAR EAST AND GREECE TO 338 B.C.

The development of civilization in the Near East from earliest times through its extension and elaboration by the Greeks. Emphasis is placed on achievement in the arts, sciences and political institutions. *(Fall, 1972-73)*

361 HELLENISTIC GREECE AND ROME TO 330 A.D.

A study of the development of Alexander's Empire, the Hellenistic kingdoms and the rise of Rome as the world's greatest power. Emphasis is placed on personalities, the arts and sciences and Rome's contributions in law and the political process. *(Spring, 1972-73)*

370 THE LATE MIDDLE AGES TO 1560

A study of the scholastic tradition and the role of the Church and state through the changes forced on these institutions by the Italian Renaissance and the early years of the Reformation. *(Offered 1973-74)*

412 ENGLAND TO 1714

This course emphasizes constitutional development. *(Fall)*

416 EUROPE IN THE SEVENTEENTH CENTURY

The study of this century as the most critical period in the rise of the modern state. Emphasis is also placed on the emergence of modern science and its effect on intellectual history. The chronological boundaries may be listed as 1560-1714. *(Spring)*

440 TWENTIETH CENTURY TOPICS IN WORLD HISTORY

This course consists of units on such topics as Hitler's fascism, the collapse of colonial empires and the rise of the third world. The emphasis will be on Western Asia, Europe, and Africa in the last fifty years. *(Spring, 1972-73)*

463 MODERN SOUTHEAST ASIA

A study of the major historical events and developments in the area due to confrontation with and subjugation by the West. A comparative analysis of the nationalist movements will especially focus on Vietnam, Philippines, Burma and Indonesia. *(Fall, 1972-73)*

464 MODERN CHINA

A selective treatment of Chinese history since the Opium war of 1839. The erosion of China's isolationism and collapse of the imperial system. The Nationalist and Communist revolutions of the 20th century. (*Spring, 1972-73*)

465 MODERN JAPAN

An examination of the distinctive features of the Tokugawa Shogunate, the opening of Japan, the Meiji restoration, modernization, and Japan's emergence as a major world power in the 20th century. (*1973-74*)

474 THE EXPANSION OF EUROPE

A selective study of the encounters between Europeans and the peoples outside Europe from Columbus to Cecil Rhodes. (*1973-74*)

495 SEMINAR

(*Fall, Spring*)

Department of Mathematics

Chairman: Dean Gulden

MAJOR: 9 courses including 124, 125, 224, 314, 324, and 315 or 325.

MINOR: 5 courses including 124, 125, 224.

HONORS MAJOR: GPA of 3.5 in mathematics; 3.1 over-all. Comprehensive oral examination. Program must be submitted to department during first term of junior year, and must include advanced study in areas of Real Analysis, Complex Analysis, Algebra, Topology, and Mathematics-Education.

121, 122 CALCULUS I, II

Topics of algebra, trigonometry, plane analytic geometry integrated with differential and integral calculus of a single variable with applications from the non-physical sciences. Primarily for students in the social sciences. (*121, Fall; 122, Spring*)

124, 125, 224 CALCULUS I, II, III

Topics of the elements of plane and solid analytic geometry integrated with differential and integral calculus including calculus of several variables and series with applications primarily from the physical sciences. Primarily for students in the natural sciences. (*124, Fall; 125, Spring; 224, Fall*)

131 MATHEMATICS FOR THE ARTS

An introduction to mathematical models and structure. Primarily for students not intending further study of mathematics. No course credit will be given to mathematics majors or minors. (*Fall*)

211 NUMBER THEORY

A transitional course from computational to abstract mathematics. A study of the integers and their properties. (*Prereq.: Consent of instructor. Spring*)

226 DIFFERENTIAL EQUATIONS

Ordinary differential equations with applications; series solutions; systems of differential equations; solution by special transforms; numerical methods; and an introduction to partial differential equations. (*Prereq.: 224. Spring*)

251 MODERN GEOMETRY

A study of Euclidean and other geometries by synthetic, coordinate, vector and transformation methods. (*Prereq.: 122 or 125. Spring*)

273 PROBABILITY AND STATISTICS

An analytic study of probability and statistics, including probability distributions and densities, expectation, sampling distributions, central limit theorem, estimation, regression and tests of hypotheses. (*Prereq.: 224. Fall*)

314 INTRODUCTION TO MODERN ALGEBRA

A rigorous investigation of the basic structures of algebra including groups, rings, integral domains and fields. (*Prereq.: 224. 211 is recommended. Fall*)

315 LINEAR ALGEBRA

A study of vector spaces, linear transformations, the algebra of matrices and canonical forms. (*Prereq.: 314. Spring*)

324, 325 ADVANCED CALCULUS I, II

A study of the fundamental concepts of calculus for functions of several variables, including transformations, sequences and series of functions, improper integrals, differential forms and manifolds, and vector analysis. (*Prereq.: 224. 324, Spring; 325, Fall*)

416 TOPICS IN ALGEBRA

An in depth study of topics introduced in Introduction to Modern Algebra, including extension fields and an introduction to Galois Theory. (*Prereq.: 314. Spring*)

427 INTRODUCTION TO COMPLEX VARIABLES

Complex numbers, complex functions, integration and differentiation of complex functions, Taylor and Laurent series, residues. (*Prereq.: 324. Fall*)

441 FOUNDATIONS OF MATHEMATICS

Set theory, logic, axiomatic method, and development of number systems. (*Prereq.: 315, 324. Spring*)

454 TOPOLOGY

Topological spaces, metric spaces, product spaces, mappings, compactness, connectedness, separation and countability axioms. (*Prereq.: 324 or concurrent registration. Spring*)

499 INDEPENDENT STUDY

Computer Science

245 INTRODUCTION TO PROGRAMMING

An introduction to computer methods and languages with the primary language being FORTRAN. Does not apply toward a major or minor in mathematics. (*Fall*)

Medical Technology

This major involves the completion of three years of academic work at Augsburg College and twelve months of internship at Hennepin General Hospital, Metropolitan Medical Center or Northwestern Hospital. Specific recommended courses vary to some extent depending on the hospital with which the student plans to affiliate. It is important to work closely with the Medical Technology adviser.

Required science courses: 1) Biology: 111, 112 and two additional upper division (usually 367 and 476); 2) Chemistry: 105, 106 (or 115, 116), 223 (or 351, 352), 353.

Department of Music

Chairman: Leland Sateren

MAJOR: 12 courses: 101, 102, 223, 224, 260, 261, 350 or 476, 354 or 355, 365 or 375, 457, 458, 4 years of Performance Studies, 2 years in a music organization; piano proficiency, and music repertoire test.

TEACHING MAJOR: 11 courses. 101, 102, 223, 224, 260, 261, 350 or 476, 457, 458; one of 354, 355, 365, 375; an elective; 3 years of Performance Studies; 2 years in a music organization; piano proficiency.

BACHELOR OF MUSIC: 13 courses plus 4 years of Performance Studies with double periods in the last 2 years; 2 years in a music organization; piano proficiency.

HONORS MAJOR: Students may qualify for graduation honors in music if they (1) provide leadership in: the promotion of higher music performance standards within the Department of Music; breadth of musical interests by attendance at concerts both on and off campus; the performing organizations; the creation and/or promotion of smaller performing ensembles; (2) have earned a GPA of at least 3.0 in music courses; and (3) apply for the Honors Program at the beginning of the second term of the junior year.

Honors may be achieved by any one of the following ways: (1) two solo recitals of graduate quality; (2) a musical composition for vocal and/or instrumental ensemble of not less than 15 minutes duration and either a senior thesis and its defense before a faculty committee or a solo recital of graduate quality; (3) a senior thesis and its defense before a faculty committee and a solo recital of graduate quality.

MINOR: 5 courses plus 1 year of Performance Studies and 1 year in a music organization; piano proficiency.

Attendance at Performance Workshop required of sophomores, juniors, seniors.

101, 102, 223, 224 THEORY

Music Theory is an integrated course extending over four terms. Taught by a team of instructors, the various aspects of musical theory (i.e., ear training, harmony, counter-point, and analysis) are presented in parallel, rather than sequentially. (101, 223, Fall; 102, 224, Spring)

230 INTRODUCTION TO THE FINE ARTS

The development of music from 1600 to the present through the study of selected works of great composers from each period. Emphasis is placed upon relationships between music and the other fine arts. Participation in the cultural life of the community leading towards appreciation and criticism. For the non-music major. (Fall, Spring)

260 HISTORY AND LITERATURE OF MUSIC

Music of the Renaissance, Baroque, and Classical eras. *(Fall)*

261 HISTORY AND LITERATURE OF MUSIC

Music of the Romantic and Modern eras. *(Spring)*

350 CHORAL TECHNIQUE AND ARRANGING

Fundamentals of voice culture as related to choral ensemble; methods, materials, techniques, and arranging. *(Spring)*

354 INSTRUMENTAL TECHNIQUE

The technique of playing and teaching brass and percussion instruments. *(Fall)*

355 INSTRUMENTAL TECHNIQUE

The technique of playing and teaching woodwind and brass instruments. *(Spring)*

365 INSTRUMENTAL TECHNIQUE

Elementary technique in the playing and teaching of string instruments. *(Fall)*

375 INSTRUMENTAL TECHNIQUE

Advanced technique in the playing and teaching of string instruments. *(Spring)*

380 MUSIC OF THE WESTERN CHURCH

Development and influence of the music of the Christian church. Designed for the general student as well as for organists, choir directors, and pre-theological students. *(Fall)*

457 CONDUCTING

Techniques of conducting, preparation of and conducting choral scores, organization and administration of choral ensembles. *(Fall)*

458 CONDUCTING

Preparation of and conducting instrumental and combined vocal-instrumental scores, organization and administration of instrumental ensembles. *(Spring)*

476 ORCHESTRATION

The craft of orchestrating and arranging music for instrumental and vocal ensembles of varying sizes and types. *(Fall)*

482 SCANDINAVIAN MUSIC

The music of Scandinavia since 1700. *(Spring)*

488, 489 PIANO TEACHING METHODS

Instruction in the principles, methods, and techniques for teaching piano. Students will give individual lessons to children under the supervision of the instructor. Class meeting and supervised lesson weekly. *(Fall, Spring)*

499 INDEPENDENT STUDY

(Fall)

PERFORMANCE WORKSHOP

Student recitals affording opportunity for public performance. Acquaints students with a repertoire of musical excellence. (*Fall, Spring*)

PERFORMANCE STUDIES

Vocal and instrumental instruction is available to all students. Majors and minors must complete the first and second term in the same area with the same teacher. For statement of fees, see under Financial Information. (*Fall, Spring*)

Piano

Technique as needed, repertoire, performance, accompanying. Only those lessons in piano taken after the piano proficiency examination has been passed may be applied toward the music major or minor.

Organ

Technique as needed, repertoire, performance, hymn-playing, accompanying.

Voice

Correct habits of pronunciation and articulation, breath control, flexibility, eartraining as needed, interpretation of song classics-- both sacred and secular.

Woodwind Instruments, Brass Instruments, String Instruments
Technique as needed, repertoire, performance.

MUSIC ORGANIZATIONS

The musical organizations exist not only for the benefit of the music student, but for any student of the college who wishes to participate in groups affording opportunity for musical expression. Membership for the full year is required of participants. (*Fall, Spring*)

Choir

Membership is by audition and restricted to 65 singers.

Concert Band

Membership is by audition.

Orchestra

Membership is by audition.

Choral Club, Repertoire Band, String Orchestra, Instrumental Ensembles
Membership is by audition or consent of director.

Natural Science

NATURAL SCIENCE MAJOR for teaching in Secondary Schools.

MAJOR: A total of 12 courses in science and mathematics with at least 5 courses in each of two of the areas of biology, chemistry or physics.

In biology, the required courses are 111, 112. The additional 3 courses are to be chosen from the upper division offerings.

In chemistry, 105, 106, or (115, 116), and 353 are required. In order to complete the total of 5 courses, two courses may be chosen as follows: 223 and 361; or 351 and 352; or 351 and 361.

In mathematics, Calculus I and Calculus II are required; and any 3 additional courses may be selected.

In physics, courses 121, 122, 245 are required; two additional courses to be chosen after consultation with a member of the Physics Department.

NATURAL SCIENCE MAJOR for Premedical Students

This major is presented as an option for premedical students who wish to take a major which provides the science courses necessary and recommended for admission to most medical schools (including the University of Minnesota Medical School), and also permits a number of electives. The student should choose electives carefully keeping in mind the specific requirements of the medical schools to which he or she intends to apply.

MAJOR: 13 courses including Biology 111, 112, 491 or 492, and 2 upper division biology courses; Chemistry 115, 116, or (105, 106), 351, 352, and Quantitative Analytical Chemistry; Mathematics 121 or 124; and Physics 121, 122.

Department of Philosophy

Chairman: Bruce Reichenbach

MAJOR: 9 courses, including 130, 241, 242, 343, and 344.

MINOR: 5 courses, including two courses from 241, 242, 343, and 344.

HONORS MAJOR: Admission to the Philosophy Honors Program is by recommendation of the philosophy faculty. Such recommendations will be made at the end of the junior year. The program will consist of an honors thesis on an approved topic of the student's choice, involving research above the course level, and a defense of this thesis before the faculty of the department.

Courses 110, 120, and 130 are recommended for fulfilling the general education requirement.

110 GREAT PHILOSOPHERS OF ATHENS

Introduction to philosophy through the study of the teachings of Socrates, Plato and Aristotle. Concern will be shown for the role that these men played in developing ideas basic to Western civilization, and their lasting contributions on topics such as the nature of the real, the good life, search for knowledge, etc. (Fall, Interim, Spring)

120 ETHICS

Search for an adequate ethical principle through an evaluation of those presented by philosophers; inquiry into possible justifications for ethical values; and application of these principles to human conduct. (Fall, Spring)

130 LOGIC

The study of practical argumentation. Emphasis is placed on developing skills in constructing and analyzing arguments. The role of definition, premises, and rules of inference in an argument are investigated. (Fall, Spring)

241 HISTORY OF PHILOSOPHY I: PLATO AND ARISTOTLE

For description see under course 110. (*Fall, Interim, Spring*)

242 HISTORY OF PHILOSOPHY II: MEDIEVAL AND RENAISSANCE PHILOSOPHY

An analysis of the major themes of Medieval philosophy, such as the relation of faith and reason, problem of universals, existence of God, mysticism, etc., and the reaction of such Rationalists as Descartes and Leibniz to and their development of these ideas. (*Suggested prior course: 241. Spring*)

243 HISTORY OF PHILOSOPHY III: ENLIGHTENMENT AND 19TH CENTURY PHILOSOPHY

Studies in the major empiricists in the 18th century (Locke, Berkeley, Hume); Kant's synthesis of philosophy; 19th century Idealism; and the reaction to Idealism in men such as Marx, Kierkegaard and Nietzsche. (*Suggested prior course: 241, 242. Fall*)

244 HISTORY OF PHILOSOPHY IV: CONTEMPORARY PHILOSOPHY

Studies in the major 20th century representatives of analytic philosophy, pragmatism, existentialism and phenomenology. (*Suggested prior course: 241, 242, 343. Spring*)

350 PHILOSOPHY OF RELIGION

A systematic inquiry into the bases of religious belief, with special attention to the theistic arguments, the nature of religious language, and the problems of evil, miracles, and immortality. (*Suggested: One prior course in Philosophy. Spring 1972-73*)

355 ORIENTAL PHILOSOPHY

A study of the basic concepts and philosophical contributions of Chinese, Japanese, Indian and Southeast Asian thought. (*Suggested: One prior course in Philosophy. Spring 1973-74*)

360 PHILOSOPHY OF LANGUAGE

A philosophical investigation of the relationship of symbolic expression to the world of the mind and the world of reality, including a study of the forms of language, semantics, and pragmatics. (*Suggested prior course: 130 or 344. Fall, 1972-73*)

365 PHILOSOPHY OF SCIENCE

A systematic inquiry into the philosophical presuppositions of law and theory-construction in the empirical sciences. Students also will work with professor in researching and developing philosophical problems in the special sciences (biology, physics, social sciences, etc.) (*Suggested: Prior course in science. Fall, 1973-74*)

370 EXISTENTIALISM

Studies in the writings -- both philosophical and literary -- of prominent Existentialist authors. Attempt will be made to deal in depth with such themes as absurdity, freedom, guilt, despair, paradox, and the leap of faith. (*Suggested: One prior course in philosophy. Fall, 1972-73*)

375 PHILOSOPHICAL MOVEMENTS

Studies in such philosophical movements as Analytic philosophy, American philosophy, Phenomenology, Russian philosophy, etc. (*Suggested prior course: 340. Fall, 1973-74*)

430 STUDIES IN INDIVIDUAL PHILOSOPHERS

Advanced studies in the philosophy of particular philosophers, e.g. Plato, Descartes, Marx, Hegel, Kierkegaard, Wittgenstein, etc. Seminar format. (Suggested prior course: 241, 242, 343, or #. Spring, 1973-74)

450 INTERDEPARTMENTAL STUDIES

Studies in such areas as the philosophy of art, philosophy of literature, philosophy of history, philosophical psychology, philosophy of culture, political and legal philosophy, etc. Seminar format. (Suggested: one prior course in philosophy. Spring, 1972-73)

490 INDEPENDENT STUDY

Individual study and research on some philosophical topic of interest to the student, worked out in consultation with the faculty adviser. (Fall, Spring)

Department of Physics

Chairman: Theodore Hanwick

MAJOR: 9 courses, including 245, 351, 362, and 395.

MINOR: 5 courses, including 121, 122, and three courses above 122.

101 ASTRONOMY

A descriptive course requiring elementary algebra. Our solar system, stars and galaxies. The necessary optical instruments are explained and use is made of a 12-inch reflecting telescope as well as a 3-inch Questar. Occasional night viewing. (3 one-hour lectures. Fall, Spring)

103 PRINCIPLES OF PHYSICS

A survey of physics introducing the basic aspects of mechanics, thermodynamics, wave motion, electricity and magnetism, and selected modern topics. Applications of physics to the biological sciences. The course is designed as a natural science elective and also as a part of the Medical Technology program. (3 one-hour lectures, 2-hour laboratory. Spring)

121, 122 GENERAL PHYSICS I, II

A rigorous study of the concepts of mechanics, fluids, heat, sound, optics, electricity and magnetism, and some aspects of modern physics. For majors in physics and other specified majors. Must be taken in sequence. (4 one-hour lectures, 2-hour laboratory. Prereq.: Mathematics 124 or concurrent registration. 121, Fall; 122, Spring)

245 MODERN PHYSICS

An introduction to modern physics from an historical and experimental basis. Relativity, quantum effects, atomic and molecular physics, nuclear and solid state physics. This course indicates the need for, and develops the experimental basis of quantum mechanics. (3 one-hour lectures. Prereq.: 122, Spring)

270 OPTICAL PHYSICS

The emphasis is on physical optics, using the complex expression for a wave throughout. Interference, diffraction, polarization, and an introduction to the electromagnetic theory. (3 one-hour lectures, 3-hour laboratory. Prereq.: 122. Fall)

351, 352 MECHANICS I, II

A careful study of classical mechanics in terms of Newton's laws of motion and the Lagrangian and Hamiltonian formalisms. Topics include conservation principles, single particle motion, systems of particles, oscillatory systems, central-force motion, dynamics of rigid bodies, gravitation, kinematics of two-particle systems and noninertial reference frames. (3 one-hour lectures. Prereq.: 122, Mathematics 226. 351, Fall; 352, Spring)

362, 363 ELECTROMAGNETIC FIELDS I, II

The classical electromagnetic field theory is developed using the vector calculus throughout. Electrostatics, magnetostatics, solution of Laplace's and Poisson's equations, electric and magnetic properties of materials, plus the theory of electromagnetic radiation based on Maxwell's equations. (3 one-hour lectures. Prereq.: 122, Mathematics 226. 362, Fall; 363, Spring)

395 COMPREHENSIVE LABORATORY

An emphasis on independent laboratory investigations, including participation in physics seminars. Experiments in the areas of mechanics, thermodynamics, electricity, magnetism, and modern physics. (Prereq.: Junior standing. Spring)

481 THERMAL PHYSICS

The study of properties of systems and processes for which temperature is an important variable. The subject is developed from two independent yet complementary viewpoints: the experimental, macroscopic classical thermodynamics and the theoretical, microscopic statistical mechanics. (3 one-hour lectures. Prereq.: 351. Fall)

486 QUANTUM MECHANICS

A development from first principles, including de Broglie's postulates, the Schroedinger equation, operators, wavefunctions, expectation values, angular momentum, and approximation methods. Specific problems studied include potential wells and potential barriers, the harmonic oscillator, and the hydrogen atom. (3 one-hour lectures. Prereq.: 245, 351, 352. Fall)

488 TOPICS IN MODERN PHYSICS

The application of quantum mechanics to specific topics chosen from the areas of solid state physics, atomic and molecular physics, nuclear physics, and particle physics. (3 one-hour lectures. Prereq.: 486. Spring)

Department of Political Science

Chairman: Norma Noonan

MAJOR: The major in Political Science will consist of 9 courses, plus Social Statistics (Sociology 361), including 158, 384 and at least 5 other upper division courses in 4 out of 5 areas.* A seminar in one of the five areas may be counted for that area.

MINOR: The minor in Political Science will consist of 5 courses, including 158 and at least 3 upper division courses in 3 out of 5 areas.*

HONORS MAJOR: The Honors major in Political Science includes the requirements listed above, plus the following: The student's grade-point average must be 3.5 in the major and 2.75 over-all. The student must take an Honors Independent Study and a seminar, and must submit, not later than April 1 of the senior year, an Honors Thesis to be defended before a faculty committee. Students should apply for the Honors Major no later than the first term of the junior year. For specific information, consult the Honors Adviser in the department.

** The five areas are American Government and Politics, Comparative Politics and Analysis, International Politics, Public Law, and Political Theory and Analysis. (Any course listed in more than one area may be counted in only one area toward major or minor requirements.)*

Any course may be taken to fulfill the general education requirements but especially appropriate are Political Science 121, 122, 158 or 160.

The Urban Requirement may be filled by Political Science 122, 342 or by an Internship or Independent Study on an urban-related topic.

The major in Political Science may qualify for certification for secondary social studies teaching, providing the student also has one course each in economics, geography, history and sociology and the required education courses.

I. AMERICAN GOVERNMENT AND POLITICS

121 PRESIDENT, COURT AND CONGRESS

Presidential, congressional and judicial policy-making in the American national political system; contemporary political issues impinging upon and affected by the Presidency, Congress and the Supreme Court. (Fall, Spring, 1972-73)

122 METROPOLITAN COMPLEX

Politics in the urban setting, including important issues, actors, and structures influencing public policy in the modern urban complex. Discussion-lecture, simulation, and meetings with political experts and activists. (Fall, Spring, 1972-73)

325 AMERICAN POSITIVE STATE

The politics of public administration and bureaucratic policy making in the American welfare-warfare state; governmental regulation, promotion and management, emphasizing political and economic interaction. (No prerequisite; Interim, 1972-73)

326 PARTIES, VOTERS AND ELECTIONS

The electoral process, emphasizing political parties: their development, structure, and relationship to other factors in the process. Field work with parties, pressure groups and other relevant organizations. (Students may not take both 326 and 356 except by special permission. Offered Fall term of election years. No prerequisite. Fall, 1972)

342 MASS COMMUNICATIONS IN SOCIETY

Effects of mass communications on individual behavior; the uses and control of mass media for political and social purposes including public opinion research and political public relations. (Spring 1972-73)

356 PUBLIC OPINION AND POLITICAL BEHAVIOR

(Offered in non-election years. See note under 326)

370 CONSTITUTIONAL LAW I

(Offered alternate years)

371 CONSTITUTIONAL LAW II

(Offered alternate years. Spring, 1972-73)

II. COMPARATIVE POLITICS AND ANALYSIS

158 POLITICAL PATTERNS AND PROCESSES

An analysis of basic patterns in the political system and decision-making process with some comparison of major political systems and discussion of contemporary issues. *(Fall, Spring 1972-73)*

350 COMPARATIVE DEMOCRACIES

The emergence, maintenance and decline of selected democracies, focusing on political behavior, institutions, and processes. *(Prereq.: One course in Political Science or #. Offered alternate years)*

351 COMMUNIST POLITICAL SYSTEMS

A comparative analysis of the Soviet Union and other communist states in terms of political behavior, institutions, processes and policies. *(Prereq.: One course in Political Science or #. Fall, 1972)*

353 POLITICAL DEVELOPMENT

The modernization process in developing areas with particular attention to the creation, maintenance, and administration of political structures. *(Prereq.: One course in Political Science or #. Offered on demand)*

356 PUBLIC OPINION AND POLITICAL BEHAVIOR

The flow and influence of public opinion and the determinants of voter choice, including study of attitudes, values and personality factors in political behavior. *(Offered in non-election years. See note under 326. Prereq.: One course in Political Science or #)*

359 TOPICS IN ELITE AND MASS BEHAVIOR

In-depth study of elite and/or mass participation in the political system. *(Offered on demand. Prereq.: #)*

III. INTERNATIONAL POLITICS

160 ISSUES IN WORLD POLITICS

Contemporary issues and problems in international politics in the context of democratic values and processes; moralism, legalism, and realism in foreign policy. *(Spring, 1972-73)*

361 INTERNATIONAL POLITICS

General theories of international politics, the basic factors involved in international relations, and the formulation of foreign policy as background for study and simulation of contemporary international problems. *(Prereq.: One course in Political Science or #. Offered alternate years. Fall, 1972)*

363 COMMUNIST FOREIGN POLICIES

Analysis of the motivation, formulation, and implementation of foreign policies of Communist nations, with emphasis upon the Soviet Union and China. (*Prereq.: One course in Political Science or #. Spring, 1972-73*)

IV. PUBLIC LAW

370 CONSTITUTIONAL LAW I

The legal-political-philosophical role of the judiciary in the American constitutional system, emphasizing significant Supreme Court cases involving the United States government and the federal system. (*Prereq.: One course in Political Science or #. Offered alternate years*)

371 CONSTITUTIONAL LAW II

Constitutional limitations of the Bill of Rights and of the Fourteenth Amendment as applied by the Supreme Court to the protection of human rights and civil liberties of individuals. (*Prereq.: One course or #. Offered alternate years. Spring, 1972-73*)

V. POLITICAL THEORY AND ANALYSIS

158 POLITICAL PATTERNS AND PROCESSES

(*Fall, Spring 1972-73*)

380 WESTERN POLITICAL THOUGHT I

Analysis of selected readings from outstanding political philosophers from Plato through the eighteenth century, emphasizing aspects of their thought having continuing significance for an understanding of contemporary political issues and the problems of human society. (*Offered alternate years*)

381 WESTERN POLITICAL THOUGHT II

Recent political philosophy and ideology, including readings from individualist, anarchist, socialist, elitist, Christian, democratic, conservative and liberal authors. The contemporary search for political processes and structures appropriate to human potentials and limitations. (*Offered alternate years. Fall, 1972-73*)

382 FOUNDATIONS OF COMMUNIST POLITICS

An examination of the Marxist-Leninist origins of contemporary communism, the development and uses of ideology, and the impact of historical traditions in the political evolution of the Soviet Union and other communist states. (*Prereq.: One course in Political Science or #. Offered alternate years*)

384 POLITICAL ANALYSIS

Theory and methods of empirical political society, including communications theory, simulation, systems' theory, structural-functionalism, power concepts, psychological and economic approaches to political study, and a survey of the methods common to empirical social science. (*Prereq.: Social Statistics; Political Science 158 or 356; or #. Spring, 1972-73*)

VI. SEMINARS, INDEPENDENT STUDY AND INTERNSHIPS

295 LOWER DIVISION SEMINAR

Special topics. Consult department chairman concerning terms and subject matter. (*Offered on demand*)

399 INTERNSHIP

Consult Chairman or Internship Director to determine project. (*Prereq.: #. Fall, Interim, Spring*)

495 SEMINAR

Selected topics. Consult department chairman concerning terms and subject matter. (*Prereq.: #*)

499 INDEPENDENT STUDY

Topics defined through consultation between instructor and student. (*Prereq.: #. Fall, Interim, Spring*)

Department of Psychology

Chairman: Duane Johnson

MAJOR: 10 courses. One or two supporting courses from other departments may also be required. The major program is planned in consultation with an adviser in the psychology department and approved by the department chairman. Required courses will include 105, 364, 493, and 498. Basic courses to include in preparation for graduate study are 105, 355, 357, 359, 364, 481, 498, and at least one course in Personality or Developmental Psychology. The major program will usually include 105 in the freshman year, 364 and often 355 and 357 in the sophomore year, and 493 and 498 in the senior year. The over-all plan will be directed toward a basic understanding of the discipline of psychology and toward the particular educational, vocational, and professional interests and goals of the individual student. A written plan for the major should be completed and approved by the beginning of the junior year. The plan, which may indicate one or more electives in psychology, should be completed early in the sequence of psychology courses. Completion of a written plan later than the beginning of the junior year may delay graduation; early planning is recommended.

MINOR: 5 courses including 105.

HONORS MAJOR: Students may qualify for honors in psychology with a 3.5 grade point average in the major, a 3.0 grade point average over-all, and completion of a high quality research project culminating the major program. Application for honors consideration is to be made during the junior year.

105 GENERAL PSYCHOLOGY

Methods and approaches used in psychology for the purpose of understanding behavior. Research procedures associated with the study of behavior. A structure of the field of psychology including psychological principles in major sub-areas. (*Fall, Spring*)

351 DEVELOPMENTAL PSYCHOLOGY: CHILD

Emphasis on normal child development and behavior. Consideration of theoretical systems used for viewing the developmental sequence and process. Active inquiry into practical implications and applications of data and theory in respect to the development of children. (*Prereq.: 105. Fall*)

352 DEVELOPMENTAL PSYCHOLOGY: ADOLESCENT AND ADULT

Emphasis on normal development and behavior of the adolescent and adult. Theoretical bases used for building understanding of and appreciation for the developmental process. Active consideration of the meaning that data and theory have for the development of persons in the adolescent and adult periods of life. (*Prereq.: 351. Spring*)

355 PHYSIOLOGICAL PSYCHOLOGY

A survey of the physiological and neuroanatomical mechanisms responsible for behavior in animals and humans. Lecture, laboratory, and discussion regarding the fundamentals of neuroanatomy, neurophysiology, and research methods. Emphasis will be given to interactions of the central nervous system with environmental events including the effects of drugs on behavior. (*Prereq.: 105. Fall*)

357 LEARNING

Analysis of behavior and behavioral change including objectives, evaluation, and environmental factors in the learning process. (*Prereq.: 105. Spring*)

359 MEASUREMENT

Theory and principles of measurement. Analysis and practicum with achievement, interest, personality, and intelligence tests. (*Prereq.: 105. Fall*)

361 PERSONALITY

Dynamics of personality with emphasis on behavior that customarily is included in the normal range. Includes consideration of theories of personality. (*Prereq.: 105. Fall*)

362 BEHAVIOR DISORDERS

Sociological, biological, and psychological factors involved in behavior disorders. Consideration of diagnostic categories, treatment, and research. (*Prereq.: 3 courses or 361. Spring*)

364 EXPERIMENTAL PSYCHOLOGY

Methodology in major areas of psychological research including statistical methodology. Designing, conducting, and analyzing experiments. (*Prereq.: 105. Fall, Spring*)

373 ORGANIZATIONAL PSYCHOLOGY

Dynamics of organizing large groups of individuals into efficient goal-oriented teams. Study of policies and procedures aimed at utilizing and perpetrating individuality; exploration of approaches to selecting and developing the human resource. (*Prereq.: 105. Spring*)

481 HISTORY AND THEORY

History of psychological viewpoints and theoretical positions. Concentration on the development of American psychology. (*Prereq.: 4 courses. Fall*)

485 COUNSELING PSYCHOLOGY

Principles, methods, and attitudes involved in the counseling process. Consideration given to goals and ethical guidelines for a counseling relationship. (*Prereq.: 5 courses and senior standing*)

493 SEMINAR: CONTEMPORARY ISSUES

Points of view within behavioral science on contemporary professional and societal issues. Consideration of the approaches and methods of behavioral science to the study of such issues. (*Prereq.: 5 courses. Fall*)

498 SEMINAR: RESEARCH PROBLEMS

Individual research in which students select an area of investigation, plan the appropriate design, collect data, and write a research report according to the standards established by the American Psychological Association. Critical review and discussion of individual research projects. (*Prereq.: Senior standing and #. Fall, Spring*)

499 INDEPENDENT STUDY

Registration by special permission for advanced students in psychology. Student must present carefully considered rationale and purpose for the proposed study.

Department of Religion

Chairman: Philip A. Quanbeck

MAJOR: 8 courses, two of which may be upper division New Testament Greek. The major shall include one interim course; and at least three out of the following four areas shall be represented by at least one course: 352-355, 360-363, 471-475, 481-484.

HONORS MAJOR: GPA of 3.25 in the major and 3.00 over-all; research project approved by the department and a colloquium with the department.

MINOR: 5 courses.

Religion 111 or 221 are prerequisite to all other courses.

111 INTRODUCTION TO THEOLOGY

An introduction to the academic discipline of theology and to the dialogue between the church and the world which concerns Christian doctrine. (*Fall, Spring*)

221 BIBLICAL STUDIES

The origin, literary character, and transmission of the biblical documents. The task of biblical interpretation. The history of Israel and the emergence of the church. (*Fall, Spring*)

350 PHILOSOPHY OF RELIGION

See under Department of Philosophy

352 THEOLOGY AND FORM OF CHRISTIAN WORSHIP

A study of the origin of Christian worship, the development of the various liturgical traditions and the recent liturgical innovations. Attention will be given to both the theology and the form of worship. Visits will be made to a variety of worship services. (Fall)

353 HISTORY OF RELIGIONS

A survey of some of the major living religions of the world, including Hinduism, Buddhism, Confucianism, Taoism, and Islam, with some emphasis on the study of primary documents from these faiths. (Spring)

355 TEACHING RELIGION IN SCHOOL AND CHURCH

The function of the teacher in the Christian congregation with a consideration of available materials and the organization of the church school. The function of the teacher in teaching about religion in the public school and a consideration of available materials. Distinctive characteristics of these roles. (Spring)

360 RELIGION AND SOCIETY

An examination of the social sources and structure of religious beliefs and practices. Particular emphasis is given to the study of bureaucracy and its relation to religious systems, and to an exploration of the changing patterns of society and the relationship of these changes to the institutional church. (Fall)

361 CHURCH FATHERS

The development of some fundamental doctrines from the time of the Apostolic Fathers through Augustine. (Interim, 1973)

362 THEOLOGY OF THE REFORMERS

An introduction to the theological thought of the Protestant reformers of the sixteenth century. Special attention to the writings of Martin Luther and other representative figures. (Fall)

363 AMERICAN PROTESTANTISM

The Protestant ethos in the United States. Special attention to the rise of religious liberty, revivalism, the American denominational structure, and the responses of American Protestantism to the challenges of its enviring culture. (Fall)

380 HYMNS AND MUSIC OF THE CHURCH

(See under Department of Music)

471 JESUS AND HIS INTERPRETERS

Consideration of the New Testament Documents, particularly the Gospels, dealing with their content, literary structure and relationships. Attention to the variety of interpretations given the person of Jesus, including the "quest for the historical Jesus." (Fall)

472 THEOLOGY OF PAUL

A study of the Apostle Paul including his historical background, his relationship to the early church, and some of the themes to be found in his writings. (Spring, 1973-74)

473 THE MESSAGE OF THE OLD TESTAMENT

The various types of Old Testament literature. The distinctive ideas of Hebrew thought with emphasis on the message of the prophets. *(Spring)*

475 JUDAISM

A survey of the history of Judaism from the end of the Old Testament period to modern times, with emphasis placed upon the religious development. A special interest in such modern Jewish thinkers as Buber and Heschel. *(Fall)*

481 CONTEMPORARY THEOLOGY

An introduction to some representative trends in Christian theological thought today, as seen from the systematic perspective, in the light of the continuing theological task of the Christian Church. *(Spring)*

482 CONTEMPORARY ROMAN CATHOLIC THEOLOGY

New trends of Roman Catholic theology as expressed in the writings of some of its representatives. Relation of new theological and biblical insights to the dogmatic definitions of the church. *(Spring)*

483 CHRISTIAN ETHICS

The bases of Christian social responsibility, in terms of theological and sociological dynamics. Emphasis on developing a constructive perspective for critical reflection upon moral action. *(Spring)*

Social Science

This major is designed for those preparing for secondary school teaching in social studies and for others who desire a broad major in this area. A major consists of 14 courses, which may be earned in any one of four distributions. A student may not list a double major in Social Science and one of the four component disciplines unless the distribution selected in the Social Science major is significantly different from the other major.

A. HISTORY EMPHASIS

7 courses in History: 2 in American, 2 in Ancient and Modern Europe, 2 in Non-Western, and 1 seminar; 2 courses in political science; 4 courses: 1 each in geography, anthropology, economics, and sociology; 1 course in the methodology of the Social Sciences (Political Science 158 or 384, Sociology 365 or 362, 363; Economics 379 or 495).

B. BEHAVIORAL SCIENCE EMPHASIS

1 course in geography; 1 course in anthropology; 2 courses in history; 2 courses in the methodology of the Social Sciences (Political Science 158 or 384, Sociology 365 or 362, 363, Economics 379 or 495); 7 other courses in economics, political science, and sociology, with at least 2 courses in each discipline and at least 3 upper division courses; 1 additional upper division course in economics, history, political science, psychology (Other than educational psychology), or sociology.

C. NON-WESTERN EMPHASIS

8 courses in Non-Western studies, selected from the following, with at least 2 courses in history and 2 courses in political science: History 104, 440, 463, 464, 465, 474, 495; Political Science 351, 353, 361, 363, 382, 495, 499; Religion 353; Philosophy 355.

6 other courses including: History 103; one course in the methodology of the Social Science (Political Science 158 or 384; Economics 379 or 362, 363, or 365; and 4 additional electives; one each in geography, anthropology, sociology, and economics.

For a Social Science major with a Non-Western emphasis to meet the requirements of the State of Minnesota for a high school teacher of the social studies, there must be among the courses taken at least 7 courses in history or in political science, sociology, economics, anthropology combined.

D. INTERNATIONAL STUDIES EMPHASIS

1 course in each of geography, anthropology, statistics; 11 courses in history, political science, and economics, with at least 3 in each discipline and at least 5 upper division courses, to be selected from the following: Political Science 158, 160, 350, 351, 353, 361, 363, 381, 382, 495; History 103, 104, 332, 416, 440, 463, 464, 465, 474, 495; Economics 122, 123, 495, 499.

Department of Sociology

Chairman: Joel Torstenson

MAJOR IN SOCIOLOGY: 10 courses including 121, 362, 363, 375, 485, 487, and an upper division interim course or independent study.

MAJOR IN SOCIAL WELFARE: 10 courses including 111, 121, 351, 352, 353, 365, 383, 461, 462. Also required: Psychology 105, and 351 or 352.

111 HUMAN COMMUNITY AND THE MODERN METROPOLIS

The cultural and structural dynamics of the modern world viewed from the perspective of the metropolitan situation, with a focus on the possibilities of human community in the context of urban institutions and processes. (Fall, Interim, Spring)

121 PRINCIPLES OF SOCIOLOGY

The development of sociological consciousness; its motifs, perspectives, and linguistic forms; sociological models for analyzing the structures and dynamics of society, community, groups, and personality; the role of sociology as an academic discipline and profession. Basic background for advanced work in sociology. (Fall)

231 FAMILY PROCESS: COMMUNICATION AND STRUCTURE

Designed to heighten awareness of communication patterns in intimate relationships and to provide perspective and skills for creating viable relationships in pre-marital, marital, and family systems. The impact of historical and contemporary urban contexts on the structure of the family is examined. (Fall, Spring)

232 SOCIOLOGY OF SOCIAL PROBLEMS

The dynamic processes at the root of contemporary social problems in the context of historical, social and cultural change. *(Fall, Spring)*

237 CRIME AND JUVENILE DELINQUENCY

Non-normative behavior with an emphasis upon crime and delinquency. Gang-delinquency, white-collar crime, organized crime. The theories of crime causation, treatment, and prevention. *(Fall, Spring)*

241 INTRODUCTION TO ANTHROPOLOGY

An examination of the idea of culture; the person's relation to culture; language and its relation to multiple ways of seeing the world. A comparison of "primitive" and "civilized" world views, values, and systems of thought, magic, religion, work, and play. *(Fall)*

351 SOCIAL WELFARE METHODS AND SYSTEMS

Basic features of casework and group work. Public welfare, social security, and private welfare systems. Two campus lecture periods and six hours agency service per week. Course designed for general acquaintance with fields and methods of human service. *(Fall)*

352 BEGINNING SKILL DEVELOPMENT IN CASEWORK OR GROUP WORK

Orientation and application in practice of one of these major skills. Student is assigned full time under the teaching supervision of staff in a selected agency. Majors only. *(Interim)*

353 THEORY OF CASEWORK AND GROUP WORK

Analysis of methods, theory, operational principles, and techniques. Reflective use of student's own experiences in prior field assignments. Open to students having had beginning skill field experience. *(Spring)*

360 RELIGION AND SOCIETY

See under Department of Religion

362, 363 METHODS OF SOCIOLOGICAL INQUIRY I-II

An integrated two-course sequence in sociological research: problems and procedures of the research process; methods of investigation and statistical analysis; evaluation and empirical testing of sociological data; statistical inference and hypothesis testing; research techniques and data-getting tools. Stress on practical application of what is learned as it is learned. *(Fall, Spring)*

365 SOCIAL STATISTICS

Scientific methods of organizing, comparing and interpreting socio-psychological data. Constructing graphs and tables, calculating measures of central tendency, variability and association, statistical inference and hypothesis testing. Not open to sociology majors. *(Fall)*

375 SOCIAL PSYCHOLOGY

Society and the individual, the socialization process, the development of personality, the impact of group norms. The various theoretical schools of social psychology. Selective forms of collective behavior such as crowd, rumor, and audience. (*Prereq.: 121 or Psychology 105. Fall*)

381 SOCIOLOGICAL PERSPECTIVES ON URBANIZATION

A review of historic works by such scholars as Tönnies, Weber, Park and Wirth; and an examination of representative contemporary sociological studies of urban and suburban life. (*Prereq.: 111. Spring*)

383 RACIAL AND MINORITY GROUP RELATIONS

The historical, cultural, structural and psychological dimensions of minority group relations. Major attention is focused upon prejudice, racism and civil rights in the American setting. (*Spring*)

461 FUTURES IN SOCIAL WORK

Emerging issues and programs; selecting career opportunities through graduate training or occupational choice. Advanced practical experience as a social work intern. Two hours class lecture and 10 hours internship experience per week. (*Prereq.: 353. Fall*)

463 COMMUNITY DEVELOPMENT AND ORGANIZATION

Locality development and social change through community organization, social planning, and social action. Field experience of six hours with two lectures per week. (*Spring*)

467 ADVANCED INTERNSHIP IN SOCIAL WORK

Responsibilities assigned as a professional social worker in some social welfare agency with arranged linkage seminars. Some students selected for stipended positions. Up to 20 hours per week. (*Prereq.: #. Spring*)

485 MODERN SOCIOLOGICAL THEORY

An examination of the major theoretical traditions within sociology, tracing the course of their development in the nineteenth and twentieth centuries. (*Fall*)

487 MODERN SOCIAL ORGANIZATION

The phenomena of social stratification and social organization; their structural and dynamic dimensions. Major attention is focused upon stratification and large scale organization in an urban world. (*Spring*)

499 INDEPENDENT STUDY

(*Fall, Interim, Spring*)

Department of Speech, Communication, and Theater Arts

Chairman: Raymond Anderson

COMMUNICATION MAJOR: 10 courses, including: 342, 351 or 352, 354, 487, and English 219. Supporting courses required but not counting toward the major: Speech 111; Philosophy 130; Psychology 105; Sociology 111, 375. Typing ability required.

Major electives counting toward the major: Art 225, 230; Speech 116, 232, 241, 355, 360, 361, 476, 490, and interim courses in communication.

Recommended supporting electives:

English 261, 320, 367, 368
Psychology 351, 352, 361, 362, 473, 485
Sociology 212, 231, 459, 482
Library 385
Computer Science

COMMUNICATION MINOR: 5 courses

SPEECH MAJOR: 10 courses

SPEECH MAJOR FOR TEACHING: 10 courses, including: 111, 232, 241, 351 or 352, 355, 360, 361, 366, 476. A speech education major should be combined with a major in English if possible. Participation in drama or forensics required.

SPEECH MINOR FOR TEACHING: 5 courses. For secondary education, 111, 232, 351 or 352, 355, 360, 366; course 476 is recommended. For elementary education, 111, 116, 360, 361, 476.

THEATER ARTS MAJOR: 10 courses, including: 111, 116, 228, 232, 360, 361, 366, 467. A course in cinema arts and 2 courses in dramatic literature may be counted toward a theater arts major. This major should be supported by an English minor or at least by several courses in literature including Shakespeare and Modern Drama or Scandinavian Drama.

THEATER ARTS MINOR: 5 courses including: 228, 232, 360, 361, 366.

DEPARTMENTAL HONORS: GPA of 3.25 in the major, 3.00 over-all, three independent study projects of honors quality, distinguished performance in at least one of the communication arts, comprehensive examination in field of concentration. Application to be made early in the senior year.

Courses 116 and 476 are strongly recommended for all students in elementary education.

111 BEGINNING SPEECH

Basic problems of effective speaking and critical listening. Meets five times per week. (Fall, Spring)

116 STORY TELLING AND CREATIVE DRAMATICS

Selection of stories for various age groups. Techniques, observation, and practice in story telling and creative dramatics. Recommended for parish workers and elementary school teachers. *(Fall)*

228 STAGECRAFT

Construction, painting, and other aspects of scenery preparation. Open to all students. *(Fall)*

232 ACTING

An introduction to the art of acting. Practical work in pantomime and improvisation; participation in dramatic presentations. *(Spring)*

241 INTRODUCTION TO CINEMA ART

A study of film as an art form; major developments in film history; analysis of significant films, with emphasis on aesthetic rather than technical elements. *(Spring)*

342 MASS COMMUNICATIONS IN SOCIETY

A study of the distinctive character of each of the major mass media, with emphasis on their role in society. *(Spring)*

351 ARGUMENTATION

Application of logic in public speaking, discussion, and debates. *(Fall)*

352 PERSUASION

Theory of persuasion and propaganda; study of great speeches; practical work in speech writing. *(Spring)*

354 INTERPERSONAL COMMUNICATION

Introduction to communication dynamics embracing scientific as well as humanistic perspectives on human communication. *(Spring)*

355 GROUP LEADERSHIP AND DISCUSSION

Theories of group leadership; principles and types of discussion; practice in discussion techniques. *(Fall)*

360 INTERPRETATIVE READING

Basic principles of oral interpretation of literature. Practice in reading prose, poetry, and drama. *(Fall)*

361 INTRODUCTION TO DRAMATIC ARTS

An introduction to history of the theater and to theories of drama and dramatic production. *(Fall)*

366 STAGE DIRECTION

Theory and practice of stage direction with laboratory exercises in planning productions and conducting rehearsals. *(Spring)*

467 LIGHTING AND SCENE DESIGN

History, theory, and practice of stage lighting and scene design. (Prereq.: 228 or #. Spring)

476 SPEECH PATHOLOGY

Physical and psychological factors underlying normal and abnormal speech. An introduction to principles and methods of speech correction. (Spring)

480 SEMINAR IN COMMUNICATION

Cooperative investigation of topics in speech and communication theory. (Fall)

487 FIELD EXPERIENCE IN COMMUNICATION

Students are assigned to work in radio stations, television stations, newspaper or other publishing firms, etc., for practical orientation to communication occupations. (Prereq.: 480 or concurrent registration in 480. Fall, Spring)

495 INDEPENDENT STUDY IN COMMUNICATION

Selected topics in speech and communication, with emphasis on the use of primary sources and methodology of research. (Fall, Spring)

499 INDEPENDENT STUDY IN DRAMA

Individual projects in oral interpretation and theater. (Fall, Spring)

General Information

Courses

All courses have equivalent value unless otherwise indicated. A course has the approximate value of 5 to 6 quarter credits or 3½ to 4 semester credits. A total of 35 courses is required for graduation.

Most courses meet for three sixty-minute periods or two ninety-minute periods per week in addition to laboratories. Each semester is approximately 15 weeks in length.

Unforeseen circumstances may necessitate making changes in course offerings. Courses with inadequate registration may be cancelled. Students should consult the schedule of classes to determine definitely the current course offerings.

Numbering

Courses numbered below 200 are lower division courses; those numbered 200 and above are classified as upper division. In general, courses numbered in the 100's are primarily for freshmen; 200's for sophomores; 300's for juniors; and 400's for seniors.

Symbol

#. Course may be taken with consent of the instructor irrespective of prerequisites.

Personnel

Administration

President..... Oscar A. Anderson
Vice President and Executive
Assistant to the President.....Burton P. Fosse

Academic Affairs

Vice President for Academic Affairs
and Dean of the College.....Kenneth C. Bailey
Registrar.....Miss Mildred Joel
Assistant Registrar.....Miss Beverly Wegge
Librarian.....Mrs. Marjorie Sibley

Business Affairs

Vice President for Business Affairs.....Warren Cuplin
Controller.....Wayne Pederson
Director of Plant Services.....Eugene Ecklund
Director of the College Center.....Douglas Wasko
Director of Food Services.....Carl Stromer
Director of Housing/Purchasing Agent.....James Lancaster
Director of Data Processing.....David Pederson
Manager of the Book Store.....Irving Hoel

Development

Vice President for Development.....Glen W. Johnson
Associate Director of Development.....Sigvald Hjelmeland
Assistant Director of Development.....David Teslow
Director of Alumni Relations.....Jeroy Carlson
Public Relations Coordinator.....Michael Walgren
Manager, News Bureau.....Steven Vite

Student Affairs

Vice President for Student Affairs
and Dean of Admissions.....Bruce L. Gildseth
Associate Dean of Students; Director,
Career Planning and Placement.....Miss Fern Martinson
Director of Financial Aid.....Herald Johnson
Director of New Student Programs.....Richard Thoni
Director of Residence Programs.....Mrs. Joan Petersen
Associate Director of Admissions.....Donovan Lundeen
Admissions Counselor.....David Gronner

Total Student Enrollment

Academic Year, 1969-1970.....	1,968
Summer Session, 1970.....	332
Academic Year, 1970-1971.....	1,817
Summer Session, 1971.....	349

Summary Of Graduates

Graduates, 1870-1969.....	4,505
Graduates, 1970 (September 1, 1969 - August 31, 1970)...	309
Graduates, 1971 (September 1, 1970 - August 31, 1971)...	310
	<u>5,124</u>

Augsburg College
Catalog 1972-73

